



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

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

Higher education institution: University of Oradea

Doctoral School of Physical Education, Sport and Kinesiology of Geography

Major field: Sports Science and Physical Education

Doctoral field of study assessed: Sport Science and Physical Education

Objective of the external evaluation: Accreditation

Visit period: 25 - 27 March 2024

Composition of the ARACIS commission carrying out the evaluation:

No. crt.	Name and surname	Quality
1.	Prof. univ. dr. MOANȚĂ Alina Daniela	Coordinator
2.	Prof. univ. dr. GROSU Emilia Florina	Member
3.	Associate Professor PhD Barkoukis Vassilis	Member
4.	Seciu Alex - Paul	Member – student

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



### Representative of the evaluated PhD field of study:

No. crt.	Name and surname	Title
1.	Prof. univ. dr. Paul-Florian DRAGOȘ	Contact person

I.O.S.U.D.-University of Oradea is a higher education institution accredited to organize doctoral studies in 20 doctoral fields, organized in 7 Doctoral Schools, both in the form of full-time and part-time education, operating under the National Education Law (law no.II2011) of HG 681/2011 on the Code of Doctoral Studies with subsequent amendments and additions. The doctoral degree programmes operate in accordance with national legislation and meet the quality criteria imposed by national regulations (decision to establish IOSUD and doctoral school, and physical education and sport science domain). Currently, the University of Oradea operates 7 Doctoral Schools within the structure of the faculties that manage the 20 doctoral fields, as follows:

- Doctoral School of Humanities and Arts - doctoral fields of Philology, Music and Theology, within the Faculty of Letters;
- Doctoral School of Geography - doctoral field Geography, within the Faculty of Geography, Tourism and Sport;
- Doctoral School of History - PhD field History, within the Faculty of History, International Relations, Political Science and Communication Sciences;
- Doctoral School of Sociology - PhD field Sociology, within the Faculty of Socio-Human Sciences;
- Doctoral School of Biomedical Sciences - doctoral fields Biology, Pharmacy, Medicine and Dental Medicine, within the Faculty of Medicine and Pharmacy;
- Doctoral School of Economic Sciences - PhD fields Business Administration, Economics and Finance, within the Faculty of Economic Sciences;
- Doctoral School of Engineering Sciences - PhD fields Agronomy, Electrical Engineering, Electronic Engineering, Telecommunications and Information Technology, Energy Engineering, Industrial Engineering, Engineering and Management and Mathematics, within the Faculty of Management and Technological Engineering.

The activity within I.O.S.U.D.- University of Oradea is coordinated by the Council of Doctoral Studies (C.S.U.D.), which is headed by a Director appointed by Rector's decision no. 285/SRU/26.03.2021 (Annex II.A.2.3) Doctoral Schools are structures similar to departments being constituted within the faculties managing the doctoral fields. The structure that coordinates the activity of the Doctoral Schools is the Doctoral School Council (CSD), headed by a director. The secretarial activity is carried out within the Secretariat of Doctoral Studies (SSUD) composed of a chief secretary and secretaries (CSD, DEC,

The evolution, over the years, of the number of doctoral students of I.O.S.U.D.-University of Oradea is as follows: 1990 - 20 students, 1991 - 20 students, 1992 - 25 students, 1993 - 50 students, 1994 - 75 students, 1995 - 75 students, 1996 - 125 students, 1997 - 150 students, 1998 - 175 students, 1999 - 175 students, 2000 - 225 students, 2001 - 275 students, 2002 - 375 students, 2003 - 500 stud., 2004 - 625 stud., 2005 - 675 stud., 2006 - 750 stud., 2007 - 721 stud., 2008 - 726 stud., 2009 - 764 stud., 2010 - 669 stud., 2011 - 532 stud., 2012 - 501 stud., 2013 - 364 stud., 2014 - 319 stud., 2015 - 312 stud.,



2016 - 356 stud., 2017 - 403 stud., 2018 - 480 stud., 2019 - 598 stud., 2020 - 643 stud., 2021 - 612 stud., 2022 - 600 stud., 2023 - 636 stud.

The evolution, over the years, of the number of PhD supervisors at I.O.S.U.D. - University of Oradea is as follows: 1990 - 1 cond., 1993 - 9 cond., 2005 - 37 cond., 2011 - 48 cond., 2012 - 45 cond., 2013 - 43 cond., 2014 - 40 cond., 2015 - 46 cond., 2016 - 58 cond., 2017 - 61 cond., 2018 - 77 cond., 2019 - 90 cond., 2020 - 90 cond., 2021 - 97 cond., 2022 - 106 cond., 2023 - 118 cond.

In the year 2023, until 01.10.2023, a total of 30 PhD theses have been publicly defended so far, as follows: philology - 1, history - 2, biology - 2, medicine - 10, economics - 4, energy engineering - 1, agronomy - 3, sociology - 3, mathematics - 3, theology - 1.

In the year 2023, within I.O.S.U.D. University of Oradea were defended a number of 21 habilitation theses by full professors at the University of Oradea, as well as full professors at other Universities in the country, respectively:

1. Conf.univ.dr.eng. Ioan BUCIU - PhD in Electronic Engineering, Telecommunications and Information Technologies;

2. Prof.univ.dr.eng. Gabriel BENDEA - PhD in Energy Engineering;

3. Prof.univ.dr.eng. Livia BANDICI - PhD field Electrical Engineering;

4. Prof. Luciana DOBJANSCHI - PhD field Pharmacy;

5. Prof. Manuela Bianca PAȘCA - PhD field Pharmacy;

6. Conf.univ.dr. Diana UIVAROȘAN - PhD field Pharmacy;

7. Prof. Mihai Cosmin VESA - PhD field Medicine;

8. Prof.univ.dr. Adrian Gheorghe BUMBU - PhD Medicine;

9. Prof.univ.dr. Florian BODOG - PhD Medicine;

10. Prof. Anamaria JURCĂU - PhD Medicine;

11. Prof. Otilia MICLE - PhD Medicine;

12. Conf.univ.dr. Carmen-Delia NISTOR-CSEPPENTO - PhD Medicine;

13. Prof.univ.dr. Carmen NEAMȚU - PhD field Medicine;

14. Prof.univ.dr. Gabriela CIAVOI - PhD field Dental Medicine;

15. Prof. Iuliana Claudia STOIAN - PhD field Business Administration;

16. Conf.univ.dr. Carmen-Oana ȚUGULEA - PhD field Business Administration;

Cornelia DURA - PhD field Business Administration;

18. Prof. Elena BOTEZAT - PhD field Business Administration;

19. Prof. Mirabela MATEI - PhD field Business Administration;

20. Prof. Alexandru CONTÂNGIOARĂ - PhD field Business Administration;

21. Prof.univ.dr. Anca DODESCU - PhD field Economics;

The following teaching staff are in the process of habilitation:

1. Conf.univ.dr. Laurențiu DROJ - PhD field Business Administration;

2. Conf.univ.dr. Lucia NEGRUȚ - PhD field Business Administration;

3. Conf.univ.dr.ing. Olimpia Mintaș - PhD field Agronomy

4. Conf.univ.dr.eng. Marius MARCU - PhD in Electrical Engineering;

5. Conf.univ.dr.ing. Silviu PETRIȘOR - PhD Industrial Engineering;

6. Prof. Felicia DRĂGAN - PhD field Pharmacy;

7. Prof. Emilia BABEȘ - PhD Medicine;

8. Conf.univ.dr. Nicoleta NEGRUȚ - PhD Medicine;

Laura ENDRES - PhD Medicine;

10. Prof. Cristian DAINA - PhD Medicine;





11. Prof. Cristiana BUȘTEA - PhD Medicine;
12. Ș.L.dr. Alexandru JURCĂ - PhD Medicine;
13. Lect.univ.dr. Alexandru-Ion ARDEREANU - PhD field Music;
14. Dr. Daniel ZAH - PhD field Music;

The Doctoral School (DS) of GEOGRAPHY operates under this name since the academic year 2011-2012 (HS no. 170 of 12.09.2011-Appendix 11, according to ROFSUD, art.7, paragraph (2), letter (b) - Annex II.A.1), organizing the doctoral studies in the fundamental field of Mathematics and Natural Sciences, branch of science Earth and Atmospheric Sciences, PhD field GEOGRAPHY.

The doctoral field of Geography has been established since 2002 (OMEC no. 4544/23.09.2002-Appendix II.A.1.a.), with the following doctoral supervisors working in this field:

- Prof. JOSAN NICOLAE (OM nr. 4222/11.07.1997) - retired;
- Prof. MĂHĂRA GHEORGHE (OM no. 4308/28.08.2002) - deceased;
- Prof. NEAMU GHEORGHE (OM No. 4308/28.08.2002) - retired;
- Prof.univ.dr. ILIEȘ ALEXANDRU (OM nr. 479/05.03.2007);
- Prof. URDEA PETRU (OM nr. 479/05.03.2007) - transferred to UVT;
- Prof.univ.dr. OLARU MARTIN (OM nr. 1071/15.05.2007) - associate, retired;
- Prof.univ.dr. PETREA RODICA (OM nr. 6046/02.12.2009) - deceased;
- Prof.univ.dr. habil. WENDT JAN (Certificate of Recognition 26074/10.05.2012)
- Prof.univ.dr. habil. ILIEȘ DORINA CAMELIA (OM no. 623/06.11.2014);
- Prof.univ.dr. habil. GACEU OVIDIU RĂZVAN (OM no. 623/06.11.2014);
- Prof.univ.dr. habil. VODA MIHAI (No. UNIVLOR 11081083)

In the academic year 2022-2023, the Doctoral School of Geography has 29 doctoral students. Since the academic year 2015-2016 and so far, a number of 11 PhD students have publicly defended their PhD thesis, all of them have obtained the scientific title of PhD in Geography being confirmed by the CNATDCU, thus the percentage of PhD students out of the total PhD students who have publicly defended their PhD thesis is 100%.

At the level of the Doctoral School of Geography there are currently six teaching staff: Prof. Alexandru Ilieș, Prof. Ovidiu Gaceu, Prof. Martin Olaru, Prof. Jan Wendt, Prof. Dorina Ilieș, Prof. Voda Mihai. Their CVs and lists of papers can be found in Annex II.A.30.

At the level of the Faculty of Geography, Tourism and Sport / Doctoral School of Geography there are the following research laboratories internally certified at IOSUD - UO level:

- Laboratory of Hydrology - Meteorology;
- Geology - Geomorphology Laboratory;
- Laboratory of Spatial Planning;
- Tourism Laboratory;
- Geographical Information Systems Laboratory;
- Tourism and Regional Development Research Laboratory.

In order to carry out research activities, IOSUD UO - Faculty of Geography, Tourism and Sport - Doctoral School of Geography, has signed collaboration protocols with: Crișuri Water Basin Administration, Bihor County Prefect Institution, Cris Country Museum, Bihor County Directorate of Statistics, National Meteorology Administration, ADI Oradea Metropolitan Area.



At the Faculty of Geography, Tourism and Sport / Doctoral School of Geography there is an internally accredited research centre, called Centre for Territorial Studies and Analyses - CSAT - director, Prof. Dr. Herman Grigore Vasile. It was established in 2004 (according to CNCSIS Certificate no. 29/CC-C of 11.05.2004 - Annex II.A.22.a.) and is periodically internally evaluated and re-accredited. Its most recent Self-Assessment Report was produced in March 2020. The RAE is presented in Annex II.A.22.

The conduct of doctoral studies at IOSUD-University of Oradea, involves the completion of the two specific stages respectively, the training program based on advanced university studies (PUA), in the first semester and the scientific research program, until the end of the third year. (AS - transition to 4-year studies ) - signed plan!!!

The advanced undergraduate programme includes subjects in scientific research methodology and academic ethics and integrity, as well as subjects relevant to scientific research training in the assessed PhD field. Starting with the academic year 2018-2019, the Teaching Plan has been revised and updated in accordance with OMEN 3131/30.01.2018, respectively HS no.32/19.02.2018-Appendix 13 (Annex II.B.1.1), introducing as a separate discipline Ethics and Academic Integrity in Geography.

The curriculum includes at least two components dedicated to some of the cross-cutting competences, including issues related to research ethics, scientometrics and academic writing.

PhD students benefit from additional training offer through participation in various scientific events, summer schools, PhD student conferences, seminars, workshops, etc. These events are presented in the following links:

<https://www.uoradea.ro/Evenimente+studies+doc>,

<http://www.arhiconoradea.ro/Cercetare-Science.htm>,

<https://ieti.uoradea.ro/ro/cercetare/conferinte>,

<http://steconomiceuoradea.ro/wp/conferinte>,

<http://www.energetica-oradea.ro/cercetare>,

<http://imtuoradea.ro/cercetare.html>, <http://protmed.uoradea.ro/facultate/conferinte.html>.

The Doctoral School of Geography has its own scientific research plan. The research topics of doctoral theses are included in the Scientific Research Plan of the Doctoral School of Geography and fall within the scientific area of the doctoral field of geography.

The scientific achievements of the members of the Doctoral School of Geography carried out together with PhD students in the last 5 years are presented in the table on page 13 of the REI - 30 published papers.

The scientific activity of the PhD supervisors in the last 5 years, internationally visible in the period 2019-2023 in the PhD field Geography, is presented in the table on page 15 of the REI:

- Prof.univ.dr. Ilieş Alexandru:

o Publications indexed Web of Science or ERIH - 17 mentions;

o Member of scientific committees of international publications and conferences/ Member of boards of international professional associations/ Member of committees for PhD theses at foreign universities or in cotutelle with a foreign university/ Other - 18 mentions.

- Prof. Dr. Olaru Martin

o Web of Science or ERIH indexed publications - 1 mention;



o Member of scientific committees of international publications and conferences/ Member of boards of international professional associations/ Member of committees for PhD theses at foreign universities or in cotutelle with a foreign university/ Other - 5 mentions.

- Prof. Dr. Ilieș Dorina Camelia

o Web of Science or ERIH indexed publications - 17 mentions;

o Member of scientific committees of international publications and conferences/ Member of boards of international professional associations/ Member of committees for PhD theses at foreign universities or in cotutelle with a foreign university/ Other - 12 mentions.

- Prof. Gaceu Ovidiu Răzvan

o Web of Science or ERIH indexed publications - 8 mentions;

o Member of scientific committees of international publications and conferences/ Member of boards of international professional associations/ Member of committees for PhD thesis defense at foreign universities or in cotutelle with a foreign university/ Other - 6 mentions.

- Prof. Dr. Wendt Jan

o Web of Science or ERIH indexed publications - 12 mentions;

o Member of scientific committees of international publications and conferences/ Member of boards of international professional associations/ Member of PhD thesis committees at foreign universities or in cotutelle with a foreign university/ Other - 4 mentions.

- Prof. Dr. Voda Mihai

o Web of Science or ERIH indexed publications - 15 mentions;

Within the assessed PhD field, 5 PhD supervisors out of the total of 6 provide evidence of 5 Web of Science or ERIH indexed publications and 5 PhD supervisors provide evidence of at least 2 mentions highlighting the international visibility they enjoy, through the items specified in the second part of this indicator.

The scientific activity (List of papers) of the PhD supervisors is presented in Annex II.A.30. and the sheets with the CNATDCU standards in force for each PhD supervisor are presented in Annex II.A.23.

## II. Methods used

The visit was carried out between 25.03.2023-27.03.2024 by the evaluator Prof. univ. dr. Alina Daniela Moanță, Prof. univ. dr. Emilia Grosu, Professor dr. Vasileios Barkoukis, respectively student Alex-Paul Seciu, during which they visited locations and spaces intended for activities related to the field of Sports Science and Physical Education in the buildings belonging to the institution with legal seat in Str. Universității nr. 1, Oradea.

During the evaluation, meetings and discussions were organized with the participation of all members of the evaluation team, both of IOSUD and of the field, organized according to the following schedule:

- Preliminary organizational meeting for the preparation and harmonization of the evaluation steps, at the level of doctoral field and IOSUD, Monday, 25.03.2024, time interval 12.00-12.30, all members of the ARACIS expert evaluation committee.

- Meeting of the expert evaluation committee with representatives of the management of the evaluated institution and the CSUD, Monday, 25.03.2024, 12.30-13.00, members of





the ARACIS expert evaluation committee, representatives of the university management and representatives of the CSUD and the doctoral school, contact person.

- Meeting of the expert evaluation committee with the person in charge of the evaluated doctoral programme and the team that carried out the internal evaluation report, Monday, 25.03.2024, 14.00-15.00, members of the ARACIS expert evaluation committee and representatives of the evaluated institution.

- Visit of the teaching and research material base, Monday, 25.03.2024, 15.00 - 17.00, members of the ARACIS expert evaluation committee and representatives of the evaluated institution.

- Technical meeting of the evaluation committee, Tuesday, 26.03.2024, 09.00-09.30, members of the ARACIS expert evaluation committee.

- Meeting of the expert evaluation committee with the head of the doctoral programme evaluated, Tuesday, 26.03.2024, 09.30-10.00, members of the ARACIS expert evaluation committee and the head of the doctoral programme.

- Meeting of the evaluation team with the teaching staff of the evaluated field, Tuesday, 26.03.2024, 10.00-11.00, the ARACIS evaluation committee and the teaching staff of the doctoral programme.

- Meeting of the evaluation team with the members of the Commission for Evaluation and Quality Assurance (CEAC) / Quality Assurance Department, Tuesday, 26.03.2024, time slot 11.00-12.00, members of the ARACIS expert evaluation committee and representatives of the evaluated institution. Together with the members of the ARACIS evaluation team, members of the CEAC participated.

- Technical meeting of the evaluation committee, Tuesday, 26.03.2024, 11.30-12.00, members of the ARACIS expert evaluation committee.

- Meeting of the evaluation team with the members of the Council of the Doctoral School in which the evaluated field will operate, Tuesday, 26.03.2024, 12.00 - 13.00, members of the ARACIS expert evaluation committee and members of the CSD.

- Meeting of the evaluation team with the members of the Ethics Committee of the Higher Education Institution, Tuesday 26.03.2024, 14.00 - 15.00, members of the ARACIS expert evaluation committee and members of the Ethics Committee of the institution.

- Meeting of the evaluation team with the directors/research centre/laboratory managers of the research centres/laboratories related to the doctoral studies field, Tuesday 26.03.2024, time slot 15.00 - 16.00, ARACIS evaluation committee and research centre/laboratory managers.



- Conduct of the specific activities of the committee of expert evaluators and the making of entries in the draft external evaluation report, Tuesday 26.03.2024, 15.00 - 18.00, members of the ARACIS committee of expert evaluators.
- Meeting of the expert evaluation committee with the person in charge of the evaluated doctoral programme, Wednesday 27.03.2024, 09.00 - 10.00, members of the ARACIS expert evaluation committee and representatives of the evaluated institution.
- The activities of the committee of expert evaluators, Wednesday, 27.03.2024, 10.00 - 12.00, members of the ARACIS committee of expert evaluators and representatives of the evaluated institution.
- Meeting of the Expert Evaluation Panel with representatives of the evaluated institution to communicate the conclusions of the evaluation process, Wednesday, 27.03.2024, 12.00 - 13.00, members of the ARACIS Expert Evaluation Panel and representatives of the evaluated institution team, members of the CEAC participated.

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

#### Domain A. INSTITUTIONAL CAPACITY

The Doctoral program in Sport Science and Physical Education will be administered by the Doctoral School of Geography. The University of Oradea implements quality management through the enforcement, implementation, and supervision of regulations, procedures, and techniques.

The culture of quality management is fostered throughout all educational and administrative organizations, incorporating all staff members regardless of their managerial roles. At present, there is a decentralized quality assurance management system in place at various levels within the department, faculty, IOSUD, university, and administrative entity. However, this system is integrated within a Total Quality Management (TQM-UO) framework.

At the IOSUD level, a systematic process has been established to assess and track the progress of doctorate schools and doctoral disciplines, which is consistently implemented. The evaluation criteria encompass several aspects, including the scientific contributions of doctoral supervisors, the availability of necessary research infrastructure and logistics, the organization and operation of doctoral studies according to established procedures and regulations, the scientific achievements of doctoral students, feedback mechanisms from students to identify their needs and satisfaction levels with the doctoral program, and the training program that is based on advanced university studies for doctoral students. Identify potential instances of non-compliance, non-conformity, or failure experienced by the academic community, Doctoral programmes, and doctoral schools. This is done in





order to design and execute strategies and policies to address these reported deficiencies and enhance scientific and academic performance.

The IOSUD/PhD School provides doctoral candidates with the required resources to conduct their doctoral studies. At the university level, the ANELIS Plus initiative is contracted and implemented, providing the entire academic community with unrestricted access to the following databases: The following databases are available: Web of Science, Scopus, ProQuest, SpringerLink Journals, and ScienceDirect Freedom Collection. The internationalization of doctoral studies is facilitated by mobility agreements established by IOSUD/Doctoral Schools with foreign universities, research institutes, and corporations operating in the relevant field of study. The University of Oradea offers financial assistance for the coordination of international cotutelle doctorates and the invitation of prominent foreign experts to deliver lectures to doctoral students through the IOSUD/PhD schools. More information can be found at <https://doctorat.uoradea.ro/ro/evenimente/alte-evenimente-workshop-uri-scoli-de-vara-festivitati>.

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

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

This standard involves the existence of specific regulations and their application at the level of the Doctoral School of the University of Oradea doctoral study in the field of Physical Education and Sport.

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

- a) the internal regulations of the doctoral school;
- b) the methodology for conducting elections for the position of director of the Council of doctoral school (CSD), as well as elections by the students of their representative in the CSD, and evidence that such elections were conducted;
- c) methodologies for organising and conducting doctoral studies (admission of doctoral students, completion of doctoral studies);
- d) existence of mechanisms for recognising the status of a doctoral advisor and the equivalence of a doctoral degree obtained abroad;
- e) functional management structures (Council of the doctoral school), including proof of the regular frequency of convening their meetings;



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

IOSUD University of Oradea has specific regulations for the organization and conduct of doctoral studies, which are developed in accordance with national legislation and are applied at both IOSUD and doctoral schools, and are visible by accessing the button Doctoral Studies - Regulations - National Regulations - Internal Regulations (<https://doctorat.uoradea.ro/ro/documente/reglementari>).

a) The Regulations on the organisation and conduct of doctoral studies and postdoctoral programmes at the level of IOSUD\_UO, in force at the date of the internal evaluation, were adopted by the Resolution of the University Senate number 14 dated 28.01.2021, and are available for consultation on the IOSUD website (<https://www.uoradea.ro/display22980>), respectively in Annex II.A.1.;

The Regulations for the organization and conduct of doctoral studies at the level of the Doctoral School of Geography were adopted by CSUD Resolution and are available for consultation on the website of the SD of Geography (<https://cloud.uoradea.ro/index.php/s/4DGixfX8sFLNTox#pdfviewer>), respectively in Annex II.A.1.1.;

b) The methodology for the organization of elections and appointment of the members of the Council and the Director of the Doctoral School at I.O.S.U.D. - University of Oradea, in force at the date of the internal evaluation, was adopted by the University Senate Resolution number 11 dated 26.10.2020 Annex 13 and is available for consultation on the IOSUD web page (<https://www.uoradea.ro/display12788>). The documents proving the conduct of elections of Doctoral School Councils and elections/appointment of Doctoral School Directors can be found in Annex II.A.3.

c) The methodology for the organization and conduct of the competition for admission to doctoral studies at IOSUD\_UO level, in force at the date of the internal evaluation, was adopted by the University Senate Resolution number 16 dated 25.03.2021, and is available for consultation on the IOSUD website (<https://www.uoradea.ro/display23530https://cloud.uoradea.ro/index.php/s/RsLKYTbMFrkAdW5-pdfviewer>), respectively in Annex II.A.4.;

The admission methodologies for the Doctoral Schools were adopted by CSUD Decision and are available for consultation on the IOSUD website (<https://doctorat.uoradea.ro/ro/admitere/metodologie-admitere-doctorat-iosud-uo>), respectively in Annex II.A.4.1.



The methodology for the admission and tuition of Romanians from abroad to doctoral studies starting from the academic year 2021 - 2022 , in force at the date of the internal evaluation, was adopted by the University Senate Decision number 16 of 25.03.2021 and is available for consultation on the IOSUD website (<https://www.uoradea.ro/display23530>), respectively in Annex II.A.5;

The methodology for the admission and enrolment of foreign nationals from the academic year 2021-2022 in force at the time of the internal evaluation was adopted by the University Senate Resolution number 16 dated 25.03.2021 and is available for consultation on the IOSUD website (<https://www.uoradea.ro/display23530>), respectively in Annex II.A.6;

d). The Operational Procedure for the Recognition of Doctor's Degrees and Doctor's Degrees in Science or in a Professional Field, obtained abroad, in force at the time of the internal evaluation, was adopted by the University Senate Resolution number 19 dated 27.03.2017, and is available for consultation on the IOSUD website (<https://www.uoradea.ro/display12986>), respectively in Annex II.A.7.;

The operational procedure for the automatic recognition by the University of Oradea of the status of doctoral supervisor obtained in accredited foreign university education institutions, in force at the date of the internal evaluation, was adopted by the University Senate Resolution number 19 dated 27.03.2017, and is available for consultation on the IOSUD website (<https://www.uoradea.ro/display12989> ), respectively in Annex II.A.8.;

e).Regarding the organization of meetings at the level of the Doctoral School of Geography, they are held as often as necessary, but at least three times a year. The supporting documents are presented in Annex II.A.9.1.

f).The Doctoral Studies Contract - is Annex 1 to the ROFSUD (<https://www.uoradea.ro/display17406>), for example, a model is presented in Annex II.A.10.

g). Internal procedures for reviewing and approving proposals for the subject matter of doctoral degree programmes Annex II.A.1.1;

Other documents regulating the activity at IOSUD University of Oradea level are also presented in the IR:

- Framework Regulation for granting scholarships and other forms of material support for students of the University of Oradea (<https://www.uoradea.ro/display22413>) - Annex II.A.11;





- Methodology for the exemption from the payment of the habilitation thesis fee and for the settlement of the expenses incurred for the habilitation thesis (<https://www.uoradea.ro/display6904>)- Annex II.A.12.;

- Regulation on the filling of fixed-term university assistant posts (<https://www.uoradea.ro/display22532>) - Annex II.A.13;

- Regulation on the organization and conduct of the process of obtaining the habilitation certificate at I.O.S.U.D. - University of Oradea (<https://www.uoradea.ro/display5846>) - Annex II.A.14;

- Methodology for awarding doctoral scholarships at I.O.S.U.D. - University of Oradea (<https://www.uoradea.ro/display13987>) - Annex II.A.16

*Recommendations: Continuously update the IOSUD-UPT regulations to incorporate legislative changes. An increased participation of the Quality Department in the yearly evaluation of doctoral areas.*

The indicator is fulfilled.

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

The Regulations of the Doctoral School of Geography within IOSUD University of Oradea include the provisions of art. 17 paragraph (5) of Government Decision 681/2011, with subsequent amendments and completions, respectively:

- the acceptance of new doctoral supervisors, as well as regulations regarding the manner in which the status of a doctoral supervisor may be revoked are regulated in the Regulation regarding the granting and revocation of membership status of Doctoral Schools, approved by Senate Decision 33 of 26.03.2018 Annex 16 (<https://www.uoradea.ro/display16171>);

- the mechanisms for making decisions regarding the opportunity, structure, and content of the training program based on advanced university studies are provided for in paragraph 3.2.3 (art. 31 and respectively art. 32) of the Regulation regarding the organization and conduct of doctoral and postdoctoral studies (<https://www.uoradea.ro/display22980>);

- the procedures for changing the doctoral supervisor of a specific doctoral student and the procedures for mediating conflicts are regulated in art. 34 paragraph 2, art. 38 and respectively art. 27 of the Regulation regarding the organization and conduct of doctoral and postdoctoral studies (<https://www.uoradea.ro/display22980>);

- the conditions under which the doctoral program may be interrupted are regulated in paragraph 3.1.1 Duration of the doctoral university studies cycle, art. 24 of



the Regulation regarding the organization and conduct of doctoral and postdoctoral studies (<https://www.uoradea.ro/display22980>);

- the methods for preventing fraud in scientific research, including plagiarism, are regulated in the Code of University Ethics and Deontology of the University of Oradea (<https://www.uoradea.ro/display23004> – Annex II.A.17.), and the sanctions in case of non-compliance with quality standards or professional ethics are provided for in art. 77 of the Regulation regarding the organization and conduct of doctoral and postdoctoral studies (<https://wwwwww.uoradea.ro/display22980>);

- ensuring access to research resources are regulated in art. 68 of the Regulation on the organization and conduct of university doctoral studies and postdoctoral programs and respectively art. 6.1 IOSUD UO obligations from the Contract for Doctoral University Studies – Annex 1 to the Regulation on the organization and conduct of doctoral university studies and postdoctoral programs (<https://www.uoradea.ro/display22980>);

- the attendance obligations of doctoral students, according to a methodology developed by the Ministry of National Education, are established at the level of each Doctoral School (excerpt from SD Regulation - Annex II.A.1.1.b.).

*Recommendations: None*

**The indicator is fulfilled.**

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

This standard involves the evaluation of the infrastructures of the University of Oradea that need exist in order to effectively support the Doctoral Program.

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

Doctoral students at IOSUD\_UO who are pursuing education without tuition fees are funded from the university's budget for a maximum period of four years, which is the length of a university PhD program. The institution has procedures in place, such as the UNIWEB Platform, to verify that students meet this requirement. The outcomes achieved by the doctorate student during their education are recorded in the individual training program (Annex II.A.18) and in the Matriculation Register.

At the University and IOSUD UO, there is also an implemented platform called Uniweb (accessible at <https://uniweb.uoradea.ro/>), which provides a module for managing, monitoring, and computerizing students, including doctoral students. The interface for students can be accessed at <https://studinfo.uoradea.ro/>.



The application inputs the data from the admission candidates' files and, after the selection process, enrolls the admitted candidates at IOSUD UO. This program includes a module that generates statistics data for doctorate students and another module that highlights the status of fees for doctoral students.

UNIWEB is a comprehensive tool that manages activities within doctorate studies. It provides all the necessary information through a web interface that is compatible with any operating system. Ensuring platform security involves granting access through user authentication and password verification, with the password having a restricted duration of validity. A security feature in a platform involves the establishment of user levels, ensuring that each user is granted access only to the specific resources they require. This implementation of editing constraints helps to minimize the risk of database corruption.

*Recommendations: None*

**The indicator is fulfilled.**

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

IOSUD University of Oradea utilizes the anti-plagiarism system offered by SC SISTEM ANTIPLAGIAT PRIN INTERNET SRL under a contractual agreement. This system is accessed through the web portal <https://www.sistemantiplagiat.ro> (see Annex II.A.19). At the IOSUD level, a system administrator is responsible for monitoring platform access and allocating user accounts for each doctorate school. Each doctoral school is allocated an account (consisting of a username and password) based on an internal form. This account enables the verification of doctoral theses. The theses undergo a thorough examination prior to their submission to the guiding committee. Per the guidance committee's recommendations and the supervisor's request, the thesis may undergo a reevaluation prior to the public defense.

As stated in the Operational Procedure for evaluating doctoral students (<https://www.uoradea.ro/display17187>), article 8.2.3.18, every publicly defended doctoral thesis must be accompanied by an anti-plagiarism report generated by the Anti-plagiarism software .ro. Additionally, it should include the PhD supervisor's Resolution on the similarity report (Annex 13 of the OP), the Doctoral School's Opinion on the anti-plagiarism check (Annex 12 of the OP), and the Declaration of authenticity of the doctoral thesis (Annex 18 of the OP), which are both assumed by the doctoral student and the scientific coordinator.

*Recommendations: None*

**The indicator is fulfilled.**





## Criterion A.2. Research infrastructure

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

This standard involves the evaluation of the research infrastructures (e.g., labs, computers, software, library etc) that can effectively support the Doctoral Program.

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

The University of Oradea's library boasts spacious accommodations, spanning 7,800 square meters and spread across five levels of the building. The organization of the collections in the 6 reading rooms allows for easy categorization by areas and specializations. There are a total of 640 chairs available for use, and the library's publication fund can be accessed freely on the shelves. The library's publications fund comprises more than 265,000 items, including books, magazines, STASs, patents, CDs, and DVDs. It encompasses around 70,000 different book titles, of which 48,655 have been cataloged using the library's Liberty3 system. The online search OPAC System provides access to the books, journals, and electronic documents stored in the library's database.

The additional annex with the specialized books was requested.

AS - The number of specialized books in the library

The Library's collections have expanded annually via the acquisition of publications and through exchanges with more than 55 partners. The UO Library is a beneficiary of the "National Electronic Access to Scientific Literature for the Support of the Research and Education System in Romania - ANELIS PLUS 2020" project, as stated on the project's website at [http://www.anelisplus.ro/?page\\_id=68](http://www.anelisplus.ro/?page_id=68). Ensuring that PhD students and UO teaching staff have access to electronic documentary information resources by obtaining databases, full-text platforms, and bibliographic and bibliometric databases. The doctoral school provides a range of research facilities for its members, including the anatomy and exercise physiology laboratory, computer lab, gym, cardio room, athletic hall, game room, outdoor fields, physical therapy rooms, lecture halls, seminars, practical works, and the didactic and research base "Gaudeamus" located in Stâna de Vale.



In the laboratories there are currently devices and research tools: two wireless MusTec HD dynamometers, 2 manual FAT-1 SKINFOLD CALIPER GIMA adipocentimeters, 2 digital cutimeters - FatTrack® Fitness Digital Fat Caliper, a Panasonic HC-V770 video camera, a lactic analyzer LACTATE PRO 2 – LT 1730, a SPORCHEM SP-4430 biochemistry analyzer, an INBODY 770 body composition analyzer, a GLUCOCARDS S GT-7110 glucometer, an INUS S ultrasound osteodensitometer, a Postural analysis system: MICHELANGELO PL0700, a Cycle ergometer Monark LC7TT, a HOSAND® GT telemetry system, a 4-port photocell timing system – Witty System, a Fitmate PRO portable ergospirometer, o a jumping platform – SmartJump, a mobile indoor air quality monitoring station that measures carbon dioxide concentrations carbon, carbon monoxide, oxygen, nitrogen monoxide, nitrogen dioxide, ozone, sulfur dioxide, hydrogen sulphide, as well as relative humidity, temperature and air pressure values. To these are added computers, an A0 scanner, an A3 DESIGN JET 500 scanner, an HP plotter, a professional A4 laser multifunctional, an A3 and A4 copier, an A4 printer, a smart board, a projection system, a video projector, a guillotine , a Libre Office filing machine, internet connection, a Mavic 2 Pro drone with Smart Controller and related accessories, a Canon EOS R camera with accessories, an Ultimaker 2 Extended 3D printer, three Huawei MatePad Pro tablets, seven compact computers laptop, two Seagate Expansion Desktop STEB4000200 4 TB HDDs, Agisoft Metashape Professional license, Pitgui Pro license, Adebe – creativity and design license, other specific software.

There is an internally certified research center at the Faculty of Geography, Tourism and Sport. Its members are both doctoral coordinators and teaching staff members of the guidance committees. Details regarding the establishment, respectively, the last Activity Report are presented in Annex III.11.

The didactic activity related to doctoral studies requires an infrastructure similar to that of bachelor's or master's courses in the field of Sports Science and Physical Education, all spaces being also open to activities within the Doctoral School.

For the doctoral supervisors and the guidance activity, the Faculty of Geography, Tourism and Sport, which manages the premises in which the activity in the doctoral field of Sports Science and Physical Education is carried out, provides rooms with appropriate equipment.

***Recommendations:** Permanent completion of the book stock with recent, national and international publications, as well as subscriptions to scientific journals in the field. Equip the laboratories with state-of-the-art equipment to support complex research protocols and innovative research questions. Establish a laboratory for social sciences.*

**The indicator is partially fulfilled.**



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

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

This standard involves the qualifications of the advisors of the doctoral students.

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

In the doctoral program of Sport Science and Physical Education, the activity will be supported by teaching staff who meet the legal requirements. These requirements include meeting the minimum standards set by CNATDCU at the time of assessment (Appendices III.8, III.9, III.10). Additionally, PhD supervisors must have obtained the necessary qualification and be attested by Ministerial Order (as presented in Annex III.15). The individuals who fulfill the necessary legal requirements to oversee a doctorate are as follows:

- a) Paul Florian DRAGOȘ - OMEC number. 3980 dated 20/04/2023
- b) Dorina IANC - OMEC no. 6338 dated 05.12.2022
- c) Sorin Dacian BUHAȘ - OMEC no. 6603 dated 01/11/2023

*Recommendations: None*

**The indicator is fulfilled.**

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

All three doctoral supervisors are holders of the University of Oradea, which means a percentage of 100%.

In Appendix III.16, supporting certificates signed by the head of IOSUD for the titular doctoral supervisors are presented.

*Recommendations: None*

**The indicator is fulfilled.**





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

The teaching staff in the doctoral program of Sport Science and Physical Education possess the necessary qualifications and expertise in the subjects they teach. They have acquired this knowledge through their completed studies, scientific research, and published books in their respective areas. Furthermore, they meet all the standards set by the institution for teaching and research responsibilities. Allocation of subjects from the curriculum among the teaching staff:

Paul Florian DRAGOŞ specializes in the methodology of scientific research in the fields of Physical Education, Sport, and Physiotherapy. The topics covered include management and performance in physical education and sport, as well as applied statistics in sports science and physical education.

Dorina Florina IANC specializes in scientific writing in the fields of Physical Education, Sport, and Physiotherapy. She also has expertise in advanced concepts in physical therapy.

Sorin Dacian BUHAŞ specializes in the study of ethics and academic integrity in the fields of Physical Education, Sport, and Physiotherapy. He also focuses on monitoring sports training using new methods.

*Recommendations: None*

**The indicator is fulfilled.**

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

This standard involves the research profile of the advisors and their international recognition by the academic community.

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



advisors enjoy international visibility within the past 5 years, consisting of: membership on scientific boards of international publications and conferences; membership on boards of international professional associations; guests in conferences or expert groups working abroad, or membership on doctoral commissions at universities abroad or co-leading with universities abroad. For Arts and Sports and Physical Education Sciences, doctoral thesis advisors shall prove their international visibility within the past 5 years by their membership on the boards of professional associations, membership in organising committees of arts events and international competitions, membership on juries or umpire teams in artistic events or international competitions.

All three PhD supervisors provide evidence of a minimum of five Web of Science or ERIH indexed publications in impact factor journals;

All three PhD supervisors have been part of the scientific committees of publications and international conferences;

More than 50% of PhD supervisors had membership in the organizing committees of artistic events and international competitions.

Name and surname	Indexed publications Web of Science or ERIH	Member of scientific committees	Member of organizing committees
Paul Florian DRAGOȘ	List of works	Magazines; Conferences	Organization of sports events
Dorina Florina IANC	List of works	Magazines; Conferences	-
Sorin Dacian BUHAȘ	List of works	Magazines; Conferences	Organizare evenimente sportive
<b>Percentage</b>	<b>100%</b>	<b>100%</b>	<b>66,66%</b>

The international visibility of PhD supervisors is also proven by the Hirsch indices achieved on the Web of Knowledge, Scopus and Google Academic platforms (Appendix 18.3).

Nume și prenume	Web of Science	Scopus	Google Academic
Paul Florian DRAGOȘ	5	3	10
Dorina Florina IANC	3	2	6
Sorin Dacian BUHAȘ	7	5	14

*Recommendations: The teaching staff should pursue international publications in journals with high impact factors. The selected topics of the doctoral theses should result in international publications in journals with high impact factors. The doctoral theses advisors should enhance their participation in professional events and international events to meet the ARACIS requirements.*



The indicator is fulfilled.

**Performance indicator \* A.3.2.2.** At least 50% of the doctoral thesis advisors in a specific doctoral study domain continue to be active in their scientific field, and acquire at least 25% of the score requested by the minimal CNATDCU standards in force at the time of the evaluation, which are required and mandatory for acquiring their enabling certificate, based on their scientific results within the past 5 years.

All doctoral supervisors assigned to the evaluated doctoral field obtained more than 25% of the points required by the CNATDCU minimum standards in the last five years.

Paul Florian DRAGOŞ	(43,75%) / Standards compliance sheet 25%
Dorina Florina IANC	(41,63%) / Standards compliance sheet 25%
Sorin Dacian BUHAŞ	(53,89%) / Standards compliance sheet 25%

*Recommendations: The selected topics of the doctoral theses should result in international publications in journals with high impact factors.*

The indicator is fulfilled.

## Domain B. EDUCATIONAL EFFECTIVENESS.

This criterion involves the evaluation of the quality of the enrolled students, the content and the procedures of the doctoral program.

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

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

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





As per the guidelines outlined in the Methodology for organizing and conducting the competition for admission to university doctoral studies at the Doctoral School of Geography, specifically in the field of Sports Science and Physical Education, Annex III.13, admission to doctoral study programs is determined by a set of selection criteria, which include:

- Criterion 1 - Evaluation of candidates' previous professional performance, including articles and studies mentioned in their CV, which accounts for 50% of the overall evaluation.
- Criterion 2 - Assessment of the proposed doctoral research project (PCD), taking into consideration: C2.1 - The scientific context and motivation behind the chosen topic, which contributes to 10% of the evaluation; C2.2 - The clear definition of scientific research objectives, accounting for 5% of the evaluation; C2.3 - The research methodology employed, which contributes to 10% of the evaluation; C2.4 - The estimated results of the research, accounting for 5% of the evaluation;
- Criterion 3 - Evaluation of the candidate's presentation of the project and their responses to the committee's questions, which accounts for 20% of the overall evaluation.

*Recommendations: Greater emphasis should be given in quantifiable criteria that provide a guideline for candidates.*

**The indicator is fulfilled.**

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

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

This criterion involves the evaluation of the content of the Doctoral Program.

**Performance indicator B.2.1.1.** The training program based on advanced academic studies includes at least 3 disciplines relevant for the scientific research training of doctoral students, out of which at least one discipline focuses on the in-depth study of research methodology and/or statistical data processing.

The university training program encompasses courses on research methods, ethics, academic integrity, and other pertinent subjects that facilitate training in scientific research within the evaluated doctoral field. Commencing from the 2018-2019 academic year, the Education Plan (Annex III.01) underwent revision and updates in compliance with OMEN 3131/30.01.2018 and HS no. 32/19.02.2018-Annex 13. These changes



introduced a distinct discipline focused on Ethics and academic integrity within the fields of Physical Education, Sport, and Physiotherapy.

The elective subjects in the curriculum are selected from the available elective subjects, and can also be supplemented with subjects from the research master's program. Upon completion of the activities outlined in the Training and Results Program, doctorate candidates must acquire a cumulative total of 30 credits. The PUA disciplines are conducted over a three-month duration. The Subject Sheets contain comprehensive information about the activities, including the course or seminar name, the amount of credits, and other relevant characteristics. These sheets outline the aims of the subjects, the main thematic substance, the evaluation criteria for doctorate candidates, and the minimum recommended bibliography. The activities offered by PUA are presented in a schedule that is publicly available at the start of the academic year.

The program has a minimum of two components specifically focused on various transversal skills, such as research ethics, statistical analyses skills, and academic writing. The articles containing the subjects outlined in the education plan can be found in Annex III.17.

The university training program encompasses pertinent areas for scientific research training in the PhD field of Sport Science and Physical Education, as outlined in Annex III.01.

- Research methods in Physical Education, Sport and Physiotherapy;
- Ethics and academic integrity in Physical Education, Sport and Physiotherapy;
- Scientific writing in Physical Education, Sport and Physiotherapy;
- Statistics applied in the Science of Sport and Physical Education;
- Management and performance in physical education and sports;
- Monitoring sports training through modern means;
- Advanced concepts in physical therapy.

The education plan was not an assumed document. An additional annex with the educational plan assumed by the decision-makers was requested.

AS - Education plan

*Recommendations: None*

The indicator is fulfilled.

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

In the doctoral program of Science of sport and physical education, there is the Ethics and academic integrity discipline in Physical Education, Sport and Physiotherapy provided in the educational plan of the doctoral field (Annex III.17).



*Recommendations: None*

The indicator is fulfilled.

**Performance indicator B.2.1.3.** The IOSUD has the mechanisms in place to ensure that the academic training program based on advanced higher education studies related to the evaluated domain addresses the “learning outcomes”, specifying the knowledge, skills, and the responsibility and autonomy that doctoral students should acquire after completing each discipline or through the research activities<sup>2</sup>.

The curriculum for the PhD program in Sport Science and Physical Education has established the competences that are intended to be achieved. These competences are categorized into professional skills and transversal skills.

#### **Professional skills:**

- Proficient expertise in the domain of Sports Science and Physical Education.
- The capacity to recognize, define, and resolve research issues through the acquisition of advanced research methodologies and techniques.
- The capacity to apply the learned knowledge in coordinating research projects during the research activity.
- Proficient in documenting, expanding upon, and showcasing scientific works and research.
- Proficiency in internationally recognized languages is required for the documentation and development of scientific works at an academic level.
- Proficiency in comprehending and implementing the fundamental principles and ethical norms of scientific research in the domain of Sports Science and Physical Education.

#### **Transversal skills**

Transversal skills refer to the ability to effectively use communication techniques, both written and spoken, in combination with interpersonal and teamwork abilities at the organizational or professional group level. These skills are necessary while accepting different positions at different hierarchical levels.

- Proficiency in utilizing information and communication technology.
- Proficiency in coordinating human, material, and financial activities, as well as expertise in developing professional activities and managing activities at times of risk, crisis, and

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





failure.

- Proficiency in utilizing legislation pertaining to intellectual property rights.

The courses for the compulsory subjects in the advanced university studies training program include:

Research Methods in Physical Education, Sports and Physiotherapy;

Ethics and academic integrity in Physical Education, Sport and Physiotherapy;

Scientific writing in Physical Education, Sports and Physiotherapy;

Applied Statistics in Sports Science and Physical Education;

Management and performance in physical education and sport;

Tracking athletic training using contemporary methods.

The presentation of advanced principles in physical therapy can be found in Annex III.17.

The University of Oradea has an Operational Procedure for evaluating and internally monitoring doctorate schools/doctoral fields within IOSUD\_UO (Annex II.C.2.). This procedure governs the following aspects:

In paragraph 8.2.3.7., the methods for assessing the scientific performance of doctoral students at IOSUD-UO are outlined. These assessments are conducted on an ongoing basis, with the doctoral supervisor evaluating the "learning results" by considering the inclusion of research reports, lectures, published articles, conference participation, and involvement in research projects in the individual work plan during the doctoral internship. In paragraph 8.2.3.9, the evaluation of the training program for doctoral students with advanced university studies is regulated. This evaluation is conducted annually at two levels. At the first level, the educational plan of the doctoral field is analyzed, and changes can be proposed to enhance both the professional and transversal skills of the students. At the second level, feedback from the students is taken into account to determine if any modifications or adjustments are needed in the training program or the scientific research program. These proposals are discussed in the appropriate committees, and measures to improve the programs are recommended.

*Recommendations: None*

The indicator is fulfilled.

## DOMAIN C. QUALITY MANAGEMENT

This criterion involves the evaluation of the internal quality assurance procedures, the transparency of information and accessibility of learning resources as well as the international profile of the Doctoral Program.



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

This criterion involves the evaluation of the internal quality assurance procedures.

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

This standard involves the existence of an internal quality assurance framework.

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

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

Within the IOSUD – UO, procedures were developed and implemented for internal quality assurance monitoring, as well as internal quality assurance policies in accordance with the following regulations:

1. Quality Assurance Code for the education and research processes at the University of Oradea

<http://arhiva->

[info.uoradea.ro/attachment/0e4acd64bbeb21068be729ed01b0a1fd/c6da629b5010769d8cd96faba533d2c5/020-HS014-04-09-2012-Annexa04 .pdf](http://arhiva-info.uoradea.ro/attachment/0e4acd64bbeb21068be729ed01b0a1fd/c6da629b5010769d8cd96faba533d2c5/020-HS014-04-09-2012-Annexa04.pdf) - Annex II.C.1.;

2. SEAQ\_PS\_DAC\_08\_F.01 - System procedure regarding the monitoring of teaching activities <https://www.uoradea.ro/display15960> - Annex II.C.2.;

3. III.b2. SEAQ-PE-U.02 - Procedure for evaluating and ensuring the quality of teaching staff and study subjects <https://www.uoradea.ro/display7093>- Annex II.C.3.;

4. III.b3. SEAQ-PE-U.03 - Procedure regarding the establishment, evaluation and ranking of research centers <https://www.uoradea.ro/display8448> - Annex II.C.4.;

5. III.b4. SEAQ-PE-U.04 - Procedure regarding the establishment and evaluation of teaching laboratories, annex - Annex II.C.5.



6. Program of policies, strategies and actions regarding quality - Annex II.C.6.

7. The operational procedure regarding the evaluation and internal monitoring of the doctoral schools/doctoral fields within IOSUD\_UO - Annex II.C.7., in which the evaluation and monitoring activities are provided, as follows:

(a) the scientific activity of doctoral supervisors with references to:

- Minister's order attesting the granting of the qualification of doctoral supervisor/qualification;
- Affiliation to a Doctoral School operating within IOSUD\_UO;
- Fulfilment of the minimum necessary and mandatory standards for the conferment of higher education teaching titles and research-development professional degrees, for the didactic degree of university professor, in accordance with the specific annex for the doctoral field, in accordance with OMEN no. 6129\_2016, on the date on which the assessment is made. In this sense, each teacher-supervisor of a doctorate/qualification, affiliated to IOSUD\_UO, will present the Standards Fulfilment Form, on the date of request, whenever necessary, but at least once every 5 years;
- Internationally visible scientific activity through the presentation of Web of Sciences or ERIH indexed publications in journals with an impact factor or other achievements with relevant significance for the respective field;
- The subjects in the training program based on advanced university studies related to the doctoral field are supported by teaching staff and researchers who have the capacity of doctoral supervisors/qualified, professor/CSI or university lecturer/CSII with proven expertise in the field of taught subjects;
- The guidance committees are made up of teaching staff leading PhDs/qualified or university lecturers/CSII in the targeted PhD field, specialists in the research topic of the PhD thesis;
- The extent to which doctoral supervisors assigned to a field of doctoral studies continue to be scientifically active, obtaining at least 25% of the points required by the CNATDCU standards in force, based on the scientific results of the last 5 years.

(b) the infrastructure and logistics necessary to carry out the research activity, with references to:

- The quality of the didactic materials made available to doctoral students;
- Doctoral students' access to the material, didactic and research base available to IOSUD\_UO;
- Doctoral students' access to electronic documentary information resources through the acquisition of databases / full-text platforms and bibliographic and bibliometric databases;
- Doctoral students actually benefit from advice and guidance from PhD supervisors, who have established a consultation program and other guidance/consultancy mechanisms (including the use of e-mail, e-learning platforms, personal pages, etc.);
- The existence, endowment and use of research laboratories with the equipment and logistics specific to the field, necessary for carrying out the scientific activity of doctoral





students at the highest standards. In this sense, the audit sheets of the laboratories will be presented, in accordance with the provisions of the Procedure for the establishment and evaluation of teaching laboratories (SEAQ\_PE – U.04) or proof of the laboratory's registration on the ERRIS platform will be provided;

- The existence, endowment and use of Research Centers with equipment and logistics specific to the field, necessary for carrying out the scientific activity of doctoral students at the highest standards. In this sense, the Document regarding the Presentation of the Research Center accompanied by the Validation from the UO Senate will be presented, in accordance with the provisions of the Procedure regarding the establishment, evaluation and ranking of research centers (SEAQ-PE-U.03);
- Notifying doctoral students about the possibilities to participate in national and international conferences and scientific communications, by displaying them on the website of the doctoral school;

(c) the regulations and procedures based on which doctoral studies are organized with reference to:

- Regulation of the University of Oradea regarding the organization and conduct of university doctoral studies and postdoctoral programs;
- The regulations for the organization and operation of doctoral schools (7);
- Regulation regarding the organization and conduct of the process of obtaining the qualification certificate;
- Regulation regarding the granting and revocation of membership of the Ş.D. from IOSUD-UO;
- Operational procedure regarding the evaluation of doctoral students (SEAQ\_PO\_CSUD\_04);

(d) the scientific activity of doctoral students with references to:

- The continuous evaluation of the scientific activity of the doctoral students which is carried out by the doctoral supervisor based on the way of inclusion in the individual work plan, during the period of the doctoral internship, of the research reports or lectures given by them, of the published articles and respectively of their participation in conferences and research projects.
- The results of the continuous evaluation that are presented by the doctoral supervisor to the doctoral student's guidance committee. When presenting the scientific progress, recommendations can be made regarding the continuation of the doctoral student's research program.

(e) the training program based on advanced university studies of doctoral students with references to the evaluation method which is annual and which is done on the following levels:

- At the SD level, the educational plan of the doctoral field is analyzed annually and changes can be proposed to the disciplines provided both for the development of the professional skills and the transversal skills of the doctoral students;



- If, following the feedback mechanism from the doctoral students, conclusions are drawn regarding the need for changes both in the training program based on advanced university studies and in the scientific research program – these are discussed in the CSD and it proposes measures to the CSUD improvement of the two programs.

(f) social and academic support services (including participation in various events, publication of articles, etc.) and counselling services available to doctoral students, with references to:

At the IOSUD University of Oradea level, the beneficiaries of the educational services are provided with a series of social, cultural and sports facilities: accommodation, canteen, sports base, counselling services, as follows:

- The Social Service operates within the university, an administrative structure coordinated by the vice-rector responsible for student services. UO offers accommodation to students in the four student dormitories (C1 – boys' dorm, C2 – girls' dorm, C3 – mixed dorm, C4 – mixed dorm) with 1,435 places to stay. Student accommodation is regulated by the Framework Regulation of the UO regarding accommodation in student dormitories, (Annex I.27.)

- The privately managed student canteen has a capacity of 250 seats/series, with the possibility of serving meals in three series. Representatives of the UO management, together with the students, monitor compliance with the requirements imposed by the university regarding the supply of food products and the services offered to students and employees. In the same location, the Select Cafeteria and the Student Club were set up, which, together with the student canteen, are collectively called the U@Select Student's Club. U@Select Student's Club is more than a student canteen, it offers dining and leisure facilities developed centered on students' needs to provide them with a welcoming "home". About 400 people benefit from these services daily, either in the cafe/pizzeria or in the canteen.

- The medical office offers preventive and curative medical assistance to UO students, working here as specialists in family medicine, employed by ASCO. Medical assistance services are offered in the existing medical office in the central campus of the university.

- UO also offers spaces with a spiritual destination for students. In the central campus there is a prayer chapel with a daily liturgical program (3rd floor in Building E) and the historical monument church "St. Archangels Mihail and Gavril", where priests and doctoral students from the field of Theology carry out their work.

- The Career Counselling and Services Center (CCSC) has the basic mission of facilitating the access of students/doctoral students/graduates to the labor market. The main objective of this structure is to guide students through counselling services, personal development and mediation of relations with employers. These objectives are explicitly provided for in the Operating Regulations of the CCSC (<https://www.uoradea.ro/display2310>). CCSC has in its composition specialized employees with skills in the field of psychological counselling, sociological research and



works with volunteer members from among students, with students who benefit from the university internship scholarship (3 students) ([http://ccsc.uoradea.ro/Echipa\\_+ours](http://ccsc.uoradea.ro/Echipa_+ours)). In order to achieve the objectives, CCSC participates in: writing and running projects on the labor market insertion of graduates in programs financed to reduce university dropout.

Academic support services are provided through:

- Informing doctoral students about international mobility opportunities within various projects (Erasmus+, AUF, etc.)
- Informing doctoral students about the opportunities to disseminate research results at various conferences, specialized magazines;
- Financial support for the publication of articles in ISI indexed journals.

At the same time, at the IOSUD - UO level, these procedures are implemented continuously.

*Recommendations: None*

The indicator is fulfilled.

**Performance indicator\* C.1.1.2.** Mechanisms are implemented during the doctoral study program to enable identification of the doctoral students' needs, as well as their overall level of satisfaction with the doctoral study program in order to ensure continuous improvement of the academic and administrative processes. Following the analysis of the results, there is evidence that an action plan was drafted and implemented.

Within the Operational Procedure regarding the evaluation and internal monitoring of doctoral schools/doctoral fields within IOSUD\_UO it is stipulated that:

- Doctoral students will complete the Questionnaire regarding the level of satisfaction with the doctoral program (Annex SEAQ\_PO\_CSUD\_05\_A.01), every academic year, in the first quarter of the year;
- In the next period, the data collected from these questionnaires will be processed, so that the CSD, based on the information from these questionnaires, presents the conclusions and, as the case may be, the package of measures proposed to improve the doctoral program as a whole, in order to continuously improve the academic and administrative services offered.

Doctoral students must express their degree of satisfaction on a scale from "very dissatisfied - dissatisfied - neither satisfied, nor dissatisfied - satisfied - to very satisfied" to the questions of the questionnaire presented in the table below (Annex II.C.8).

Table Satisfaction questionnaire

1. Access to information regarding the doctoral program
2. Communication with the CSUD secretariat





3. Communication with the representatives of the doctoral school and/or the doctoral program
4. The level of the study fee
5. Ease of tuition fee payment
6. Other study costs (books, courses, participation in conferences, etc.)
7. Accommodation options (for PhD students from outside the town)
8. The possibility of having a hot meal on campus
9. Parking possibilities on campus
10. The possibilities of spending free time on campus
11. Programming and organization of activities at the doctoral school (support of reports, research projects, course schedule)
12. The conditions in the rooms where the activity is carried out (courses, seminars, laboratories, meetings with the coordinator and the guidance committee)
13. Doctoral students' access to IT technology within the doctoral school
14. Possibilities of individual study within the doctoral school
15. The use of IT technology (computer, Internet, video projector, etc.) in teaching and scientific activity within the doctoral school
16. Access to specialized literature from the University and/or Doctoral School Library
17. Access to databases with international scientific literature
18. Access to laboratories and research equipment
19. The degree of attractiveness of the subjects in the training program
20. The relevance of the information received during the training program
21. Suitability of what is provided in the "Individual training program and results" to the requirements for graduating the doctoral study program
22. Guidance received from the PhD coordinator
23. Guidance received from members of the guidance committee
24. The possibilities of being involved in activities and research projects within the doctoral school
25. The quality and usefulness of scientific events (conferences, workshops, etc.) organized within the doctoral school
26. Possibilities to participate in scientific events (conferences, workshops, etc.) organized in other localities in the country and abroad
27. The support received from the doctoral school and its members for the publication of research results in academic journals, volumes, etc.
28. Possibilities to participate in international programs (ERASMUS scholarships, bilateral agreements, etc.)
29. Involvement of doctoral students in didactic activities (supporting seminars, laboratories, practical activities, etc. at bachelor's and master's level).



*Recommendations: None*

The indicator is fulfilled.

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

This criterion involves the transparency of information and the accessibility to learning resources.

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

This standard involves the easily accessible provision of information about the doctoral program to all interested parties.

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

- a) the regulations of the doctoral school;
- b) the admission regulations;
- c) the doctoral study contract;
- d) the study completion regulation including the procedure for the public presentation of the thesis;
- e) the content of the training programs based on advanced academic studies;
- f) the academic and scientific profile, thematic areas/research themes of the doctoral advisors within the domain, as well as their institutional contact data;
- g) the list of doctoral students in the domain concerned, with basic information (year of enrolment; advisor);
- h) information on the standards for developing the doctoral thesis;
- i) links to the summaries of the doctoral theses to be presented publicly, as well as the day, time and place where they will be presented, at least 20 days before the presentation.

All information regarding the completion of the doctoral program, starting with admission and until obtaining the doctoral degree, is provided to doctoral students both through the secretariat compartment of IOSUD and by posting on the website, the related forms can be found at the address ([https:// doctorat.uoradea.ro/ro/documente/formulare-utile](https://doctorat.uoradea.ro/ro/documente/formulare-utile)).

The Doctoral School, through IOSUD, publishes on the website of the organizing institution information about, in compliance with the general regulations regarding data protection:



- (a) the regulation of the doctoral school (<https://cloud.uoradea.ro/index.php/s/4DGixfX8sFLNTox#pdfviewer>);
- (b) the admission regulation (<https://cloud.uoradea.ro/index.php/s/ktpet5qy5DHi4Ao#pdfviewer>);
- (c) Doctoral studies contract (<https://www.uoradea.ro/display17406>)
- (d) the regulations for the completion of the studies that also include the procedure for public defence of the thesis Operational procedure regarding the evaluation of doctoral students (<https://cloud.uoradea.ro/index.php/s/TrLZx6ZYKjejs05#pdfviewer> ) Annex.II.C.10.;
- (e) the content of the study programs Education Plan/discipline sheet Annex.II.B.1.;
- (f) the academic and scientific profile, the thematic areas/research themes of the doctoral supervisors in the school, as well as their institutional contact data centralizing situation - Annex.II.C.11.;
- (g) list of doctoral students in the school with basic information (year of enrollment; supervisor) Annex.II.C.12.;
- (h) information on the standards for developing the OM doctoral thesis/Annex to the SUD contract/Preparation program and results Annex.II.C.12.1.; (<https://doctorat.uoradea.ro/ro/domenii-de-doctorat-6/domeniu-geografie/145-standarde-de-elaborare-a-tezei-de-doctorat>);
- (h) links to the summaries of the doctoral theses to be defended publicly, as well as the date, time, place where they will be defended, at least 20 days before the defence. Public support link (<https://doctorat.uoradea.ro/ro/sustineri-teze/sustineri-teze-doctorat>)

*Recommendations: None*

**The indicator is fulfilled.**

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

This criterion involves the evaluation of the resources provided to the candidates to effectively complete their studies.

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

IOSUD –UO has and has ordered for the entire evaluated period access to the services offered through the ANELIS Plus program (Annex II.C.13 – ANELIS Plus Contracts), in order to be able to offer doctoral students free access to a platform with relevant academic databases for the fields of organized doctoral studies.





Thus, at the IOSUD - UO level, all doctoral students have access to this platform permanently, based on an account and password, from anywhere, free of charge, based on each person's email account (firstname.numedoctorand@student.uoradea.ro).

Students can access the following databases: PROQUEST Central, ScienceDirect Freedom Collection, Scopus, Elsevier, de Gruyter ebooks, SpringerLink Journals, Springer, Web of Science - Core Collection, InCites Journal Citation Reports, Derwent Innovations Index, Clarivate Analytics.

*Recommendations: None*

The indicator is fulfilled.

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

For the prevention and control of fraud related to plagiarism at the level of IOSUD - University of Oradea, all doctoral and habilitation theses are checked by an anti-plagiarism software, which is in the list of programs recognized by CNATDCU and used at the level of higher education institutions organizing studies doctoral university and the Romanian Academy, in order to establish the degree of similarity for scientific works, in accordance with MENCS Order no. 3485/24.03.2016. (Annex II.A.19 – Proof of anti-plagiarism software purchase), respectively (Annex II.A.19. - Notice SD-anti-plagiarism verification). Also, each doctoral student assumes the authenticity of the doctoral thesis, together with the scientific supervisor, by completing the Declaration regarding the authenticity of the doctoral thesis.

Every doctoral student has access, upon request and with the agreement of the doctoral supervisor, to an electronic system for checking the degree of similarity with other existing scientific or artistic creations.

As stated in criterion A.1.2.2. at the IOSUD level, there is a person designated as system administrator, who monitors access to the platform, respectively the allocation of user accounts for each doctoral school. Based on an internal form, each doctoral school is assigned an account (username and password), which allows the verification of doctoral theses.

*Recommendations: None*

The indicator is fulfilled.



**Performance indicator C.2.2.3.** All doctoral students have access to scientific research laboratories or other facilities depending on the specific domain / domains within the doctoral school, according to a set of internal regulations.

At the SD of Geography level, there is an internal regulation regarding the access of doctoral students to the laboratories and rooms for documentation and scientific research (Annex II.C.14).

For doctoral supervisors and guidance activities, IOSUD UO provides the following rooms with appropriate equipment, namely:

Doctoral students have access to the FGTS and IOSUD UO rooms and laboratories, among which we mention:

- The motor laboratory - Location (building body, hall): Building body V3; Area: 218.43 sq m; Equipment: set of rubber discs, Olympic bar 15 kg, Olympic bar 20 kg, fitness ball set, medicine ball set, agility ladder, plyometric set, dumbbell stand + rubber dumbbell set, multifunctional machine, abdominal machine IT95 IMPULS, biceps machine IT 95, triceps machine IT9517, shoulder press, seated cable row machine IT95, push-up & pull-up machine, chest press pull-up machine IT 9322, arm adduction / abduction machine (chest / deltoid flutter machine) IT, seated chest press, declined bench press IT7016 , incline bench press with Olympic bar support IT7015, seated leg press IT9510, leg adductor and abductor machine IT9508, leg adduction machine, calf machine, leg flexion and extension machine IT9505, back extension bench 45°, adjustable abdominal bench IT701, horizontal bench, adjustable adjustable bench 7011, strength frame with weight lifting platform (SMITH MACHINE IT7001), ergometer concept 2 MODEL D.

- Cardio laboratory - Location (body, building, hall): body building V3; Area: 87.30 sq m; Endowment. Right cardio bike (UPRIGHT) IMPULS RU 700, low cardio bike (RECUMBENT) IMPULSE RR 700, elliptical exercise bike IMPULS RE 700, step cardio machine adapted ascent TRAINER MATRIX, treadmill RE 700 IMPULS.

- Physiotherapy laboratory 1 - Location (building block, hall): Building block V3; Number of places (students): 30; Area: 87.30 sqm; Equipment: special physiotherapy tables, cabinet, skeleton with muscles, ultrasound machine, Shockmaster 500 therapy device, medical sofa intended for patients with problems or dysfunctions related to mobility, special sofa in 3 sections for physiotherapy treatment of the spine, goniometer set, physiotherapy device diadynamic interference galvanic current, pulse oximeter, chairs, chair. Equipment: laptop, video projector, internet connection

- The sports complex of the university - sports games hall; athletics room (including fitness room); gymnasium (gymnastics, aerobics); bodybuilding and strength room; shooting range; soccer field with natural grass; athletics track; beach volleyball court; handball court; basketball court; tennis courts (3); synthetic fields for mini-football, the related changing rooms and the space intended for the construction of two new football fields, basketball and volleyball fields.



- The Research Laboratory in Tourism and Regional Development is located in room C215 and has facilities financed by the ROHU 162 project, in partnership with the Bihor Destination Management Agency (AMD) and Érmelléki Népfőiskola (Hungary), title: CLUSTER FOR GEOGRAPHY, HERITAGE AND SUSTAINABLE DEVELOPMENT IN BIHOR - HAJDU BIHAR CROSSBORDER AREA, implementation period 01.12.2018-31.10.2020, total value of the project 216,000 Euro. The laboratory is equipped with: computers, Scanner A0, Scanner A3, DESIGN JET 500 Printer Plotter HP, Professional Multifunction Laser A4, Copier A3 and A4, A4 Printer, Smart board, Projection system, Video projector, Guillotine, Filing device, Libre Office, Connection internet, Mavic 2 Pro drone with Smart Controller + accessories, Canon EOS R camera + accessories, Ultimaker 2 Extended + 3D printer, Huawei MatePad Pro tablets (3 pcs.), Laptop (7 pcs.), HDD Seagate Expansion Desktop STEB4000200 4 TB (2 pcs.), HP LaserJet Enterprise MFP monochrome laser multifunctional, M527dn A4, AGISOFT METASHAPE PROFESSIONAL LICENSE; PTGUI PRO LICENSE; ADOBE LICENSE - Creativity and design; other specific software.

- The Advanced Materials Research Infrastructure - SMARTMAT laboratory is located in pavilion V2 room 1 and has facilities financed by the project Code: HURO/1101/191/2.2.1, title: "Hungarian-Romanian Research platform for Smart Materials Research Projects Support", acronym : SMARTMAT, total value: 1195121 Euro, LP: University of Debrecen, Hungary, PP1: University of Oradea (596850 Euro), implementation period: 2013-2014. The laboratory is equipped with: U9820A Keysight Nano Indenter G200, Keysight 5500 Scanning Probe Microscope, Metallography Microscope, Optical Microscope Bifocal, Zetasizer Nano series, Sample Preparation System Motopol 2000, LEO Scanning Electron Microscope (SEM).

- The Geographic Information Systems Laboratory is located in room C226. The laboratory is equipped with: computers - 17 pcs.; programs for statistical processing of cartographic images, for editing texts and graphics; Arc Gis+ - 25 licenses; Libre Office; Windows Professional; Adobe Creative Suite (license); internet connection.

- The Tourism Laboratory is located in room C212. The laboratory is equipped with: computers - 23 pcs.; video projector - 1 pc; projection screen - 1 pc; laptop - 1 pc; video camera - 1 pc; Windows Professional; Libre Office; Adobe License; ARCGIS license; internet connection.

- The Territory Planning Laboratory is located in room C218. The laboratory is equipped with: computers - 15 pcs.; Windows Professional; Libre Office; printer - 1 pc; copier - 1 pc; television - 1 pc; different software; internet connection.

- Also, doctoral students have access to the following IOSUD UO laboratories: the topography laboratory; the microbiology laboratory, the laboratory for quantitative and qualitative analysis of human resources; the documentation centre and database access and to the laboratories and documentation centres of the partner institutions.





To optimize communication with PhD students, the Moodle, Microsoft Teams platforms existing at the IOSUD UO level can be used.

*Recommendations: The laboratories should be equipped with more state-of-the-art equipment that can facilitate the execution of more complex research designs and more innovative research questions. A laboratory for social sciences should be developed to provide opportunities for interdisciplinary research and a more balanced representation of sport science.*

The indicator is fulfilled.

### SWOT analysis

<p><b>Strengths:</b></p> <ul style="list-style-type: none"> <li>- Structure of the program</li> <li>- Previous experience of the doctoral school with doctoral supervision</li> <li>- Access to laboratories, libraries, databases</li> <li>- Interest from potential candidates to pursue a doctoral thesis in the university</li> <li>- Potential of the university to hire doctoral candidates and support them financially</li> <li>- International collaborations of the faculty Course on Ethics</li> <li>- Courses on Statistics and Research Methods</li> </ul>	<p><b>Weaknesses:</b></p> <ul style="list-style-type: none"> <li>- Location of the University (a peripheral university)</li> <li>- Equipment of the laboratories</li> <li>- Lack of quantifiable admission criteria</li> <li>- Lack of a balanced development of sport sciences</li> <li>- Emphasis on sport development rather than science development</li> <li>- Lack of interdisciplinary research</li> </ul>
<p><b>Opportunities:</b></p> <ul style="list-style-type: none"> <li>- Willingness from candidates to take part in the program</li> <li>- Relevance of the program studies with the local market</li> <li>- Attractive program in the local region</li> <li>- Attractive program for academic development and work in the academia</li> </ul>	<p><b>Threats:</b></p> <ul style="list-style-type: none"> <li>- Overload of advisors</li> <li>- Lack of tangible support to the advisors</li> <li>- Lack of staff to expand the program</li> </ul>

## Overview of judgments awarded and of the recommendations

No.	Type of indicator (PI, PI*, CPI)	Performance indicator	Judgment	Recommendations
1.	PI	A.1.1.1. The existence of specific regulations and their application at the level of the doctoral school that the doctoral domain is a part of: a) the internal regulations of the doctoral school; b) the methodology for conducting elections for the position of director of the Council of doctoral school (CSD), as well as elections by the students of their representative in the CSD, and evidence that such elections were conducted; c) methodologies for organising and conducting doctoral studies (admission of doctoral students, completion of doctoral studies); d) existence of mechanisms for recognising the status of a doctoral advisor and the equivalence of a doctoral degree obtained abroad; e) functional management structures (Council of the doctoral school), including proof of the regular frequency of convening their meetings; f) the contract for doctoral studies; g) internal procedures for the analysis and approval of proposals regarding the training for doctoral study programs based on advanced academic studies.	Fulfilled	Continuously update the IOSUD-UO regulations to incorporate legislative changes. An increased participation of the Quality Department in the yearly evaluation of doctoral areas.
2.	PI	A.1.1.2. The doctoral school's Regulations include mandatory criteria, procedures and standards concerning the aspects specified in art. 17, para. (5) of Government Decision no. 681/2011, as further amended and supplemented.	Fulfilled	None
3.	PI	A.1.2.1. The existence and effectiveness of an appropriate IT system to keep track of doctoral students and their academic background.	Fulfilled	None
4.	PI	A.1.2.2. The existence and use of an appropriate software and evidence of its use to verify the percentage of similarity in all doctoral theses.	Fulfilled	None
5.	CPI	A.2.1.1. The venues and the material equipment available to the IOSUD/the doctoral school enable the research activities in the evaluated domain to be	Partially fulfilled	Permanent completion of the book stock with recent, national and international publications, as well as subscriptions to scientific journals in the field. Equip the laboratories with state-of-the-art

No.	Type of indicator (PI, PI*, CPI)	Performance indicator	Judgment	Recommendations
		<p>carried out, in line with the assumed mission and objectives (computers, specific software, equipment, laboratory equipment, library, access to international databases, etc.). The research infrastructure and the provision of research services are presented to the public through a specific platform. The research infrastructure described above, which was purchased and developed within the past 5 years will be presented distinctly.</p>		<p>equipment to support complex research protocols and innovative research questions. Establish a laboratory for social sciences.</p>
6.	CPI	<p>A.3.1.1. Minimum three doctoral thesis advisors work within that doctoral domain, and at least 50% of them (but no less than three) meet the minimum standards of the National Council for Attestation of University Degrees, Diplomas and Certificates (CNATDCU) in force at the time when the evaluation is carried out, which standards are required and mandatory for obtaining the enabling certification.</p>	Fulfilled	None
7.	PI *	<p>A.3.1.2. At least 50% of the doctoral advisors in the doctoral domain under review are tenured professors within the IOSUD and have a full-time employment contract for an indefinite period.</p>	Fulfilled	None
8.	PI	<p>A.3.1.3. The study subjects in the education programme based on advanced higher education studies pertaining to the doctoral domain are taught by teaching staff or researchers who are doctoral thesis advisors / certified doctoral thesis advisors, professors / CS I or associate professors / CS II, with proved expertise in the field of the study subjects they teach, or other specialists in the field who meet the standards established by the institution in relation with the aforementioned teaching and research functions, as provided by the law.</p>	Fulfilled	None
9.	CPI	<p>A.3.2.1. At least 50% of the doctoral thesis advisors in the evaluated domain have at least 5 Web of Science- or ERIH-indexed publications in magazines of impact, or other achievements of relevant significance for that domain, including international-level contributions that indicate progress in scientific research - development - innovation for the evaluated domain. The</p>	Fulfilled	<p>The teaching staff should pursue international publications in journals with high impact factors. The selected topics of the doctoral theses should result in international publications in journals with high impact factors. The doctoral theses advisors should enhance their participation in professional events and international events to meet the ARACIS requirements.</p>





No.	Type of indicator (PI, PI*, CPI)	Performance indicator	Judgment	Recommendations
		<p>aforementioned doctoral thesis advisors enjoy international awareness within the past five years, consisting of: membership on scientific boards of international publications and conferences; membership on boards of international professional associations; guests in conferences or expert groups working abroad, or membership on doctoral commissions at universities abroad or co-leading with universities abroad. For Arts and Sports and Physical Education Sciences, doctoral thesis advisors shall prove their international visibility within the past five years by their membership on the boards of professional associations, membership in organising committees of arts events and international competitions, membership on juries or umpire teams in artistic events or international competitions.</p>		
10.	PI *	<p>A.3.2.2. At least 50% of the doctoral thesis advisors in a specific doctoral study domain continue to be active in their scientific field, and acquire at least 25% of the score requested by the minimal CNATDCU standards in force at the time of the evaluation, which are required and mandatory for acquiring their enabling certificate, based on their scientific results within the past five years.</p>	Fulfilled	<p>The selected topics of the doctoral theses should result in international publications in journals with high impact factors.</p>
11.	PI *	<p>B.1.2.1. Admission in the doctoral study programmes is based on selection criteria including the academic, research and professional performance of the candidates; their interest for scientific or artistic/sports research; publications in the domain, and a proposal of a research subject. Interviewing the candidate is mandatory as part of the admission procedure.</p>	Fulfilled	<p>Greater emphasis should be given in quantifiable criteria that provide a guideline for candidates</p>
12.	PI	<p>B.2.1.1. The training program based on advanced academic studies includes at least 3 disciplines relevant for the scientific research training of doctoral students, out of which at least one discipline focuses on the in-depth study of research methodology and/or statistical data processing.</p>	Fulfilled	None
13.	PI	<p>B.2.1.2. At least one discipline is dedicated to ethics and intellectual property in scientific research, or there</p>	Fulfilled	None

No.	Type of indicator (PI, PI*, CPI)	Performance indicator	Judgment	Recommendations
		are well-defined topics on these subjects within a discipline taught in the doctoral program.		
14.	PI	B.2.1.3. The IOSUD has the mechanisms in place to ensure that the academic training program based on advanced higher education studies related to the evaluated domain addresses the “learning outcomes”, specifying the knowledge, skills, and the responsibility and autonomy that doctoral students should acquire after completing each discipline or through the research activities.	Fulfilled	None
15.	PI	C.1.1.1. The doctoral school to which the doctoral study domain belongs demonstrates that the internal evaluation and quality assurance process of the study domain is carried out constantly, according to a procedure developed and applied at the level of the IOSUD, including an evaluation of the following mandatory criteria: a) the scientific work of doctoral advisors; b) the infrastructure and logistics needed for carrying out the research activity; c) the regulations and procedures based on which doctoral studies are organised; d) the scientific activity of doctoral students; e) the training program based on advanced higher education studies of doctoral students; f) social and academic support services (including for participation in various events, publishing papers, etc.) and counselling services available for the doctoral students.	Fulfilled	None
16.	PI *	C.1.1.2. Mechanisms are implemented during the doctoral study program to enable identification of the doctoral students' needs, as well as their overall level of satisfaction with the doctoral study program in order to ensure continuous improvement of the academic and administrative processes. Following the analysis of the results, there is evidence that an action plan was drafted and implemented.	Fulfilled	None
17.	CPI	C.2.1.1. Subject to compliance with the data protection regulations in force, the IOSUD publishes the following types of	Fulfilled	None



No.	Type of indicator (PI, PI*, CPI)	Performance indicator	Judgment	Recommendations
		information on the website of the higher education institution: a) the internal regulations of the doctoral school; b) the admission regulations; c) the doctoral study contract; d) the study completion regulation including the procedure for the public presentation of the thesis; e) the content of the training programs based on advanced academic studies; f) the academic and scientific profile, thematic areas/research themes of the doctoral advisors within the domain, as well as their institutional contact data; g) the list of doctoral students in the domain concerned, with basic information (year of enrolment; advisor); h) information on the standards for developing the doctoral thesis; i) links to the summaries of the doctoral theses to be presented publicly, as well as the day, time and place where they will be presented, at least 20 days before the presentation.		
18.	PI	C.2.2.1. All doctoral students have free access to one platform providing academic databases relevant to the doctoral studies domain of their thesis.	Fulfilled	None
19.	PI	C.2.2.2. Each doctoral student, upon request, has access to an electronic system for verifying the degree of similarity with other existing scientific or artistic works.	Fulfilled	None
20.	PI	C.2.2.3. All doctoral students have access to the scientific research laboratories or to other facilities depending on the specific domain / domains within the doctoral school, according to a set of internal regulations.	Fulfilled	The laboratories should be equipped with more state-of-the-art equipment that can facilitate the execution of more complex research designs and more innovative research questions. A laboratory for social sciences should be developed to provide opportunities for interdisciplinary research and a more balanced representation of sport science.

### Conclusions and general recommendations

The Doctoral Program adheres (fully or partially) to almost all of the performance indicators set by ARACIS. The program seems to have a solid structure and efforts are made to provide a good level of support for the candidates. Importantly, the Doctoral Program has anticipated solutions to financially support the candidates by providing paid positions for teaching and research in the institution. In addition, the faculty holds a significant number of international collaborations that may assist the international profile





of the doctoral candidates. This support through paid work in the university is expected to equip the doctoral candidates with the necessary skills to work in the academia. Furthermore, the University has relevant committees for Quality Assurance, Student Support and Ethics in Research that ensure an acceptable level of studies and adherence with the ethics in research. Effort has been made to renew the facilities and the equipment of the laboratories. Still, more needs to be done in order to allow doctoral students investigate complex research designs and innovative research questions. The faculty lacks a strong section on social sciences and has overemphasised biological sciences. This limits the potential for interdisciplinary research and the implementation of state-of-the-art doctoral theses.

### [Annexes](#)

Calendar DSUD\_Oradea SSEF 25\_27.03.2024

AS - Education Plan

AS - The number of specialized books in the library