

## **The External Evaluation Report of an Institution Organizing Doctoral Study Programs (IOSUD)**

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

In this chapter, the following shall be summarized:

- the context in which this external evaluation report was drafted (**the type of evaluation, the period of the evaluation visit, the composition of the Experts Committee** etc.);
- details about the institution organizing the doctoral studies (number of Doctoral Schools, number of students, institutional context, short history etc.);

An external evaluation report was prepared by prof. Urban as the international expert for IOSUD evaluation, within the institutional evaluation process, focusing to doctoral study programs at the university Carol I<sup>o</sup> National Defence University.

The university guarantees two areas of doctoral studies that correspond to its professional profile, resulting from the historical context of the university's development. The first program focuses on national security issues and the second focuses on a specific area related to military security issues.

University as a part of the national education system and the European Higher Education Area, harmoniously integrates the principles of Bologna process with NATO standards within the learning and research activities in both doctoral programs.

Carol I<sup>o</sup> National Defense University is classified as an education and scientific research university, accredited under the national legal conditions. For the qualitative level of further development of the evaluated areas of doctoral study, in addition to the acceptance of all national requirements for the quality of education, it is also necessary to underline the international dimension of co-operation with the *European Doctoral School on the Common Security and Defense Policy*.

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<sup>1</sup> Each time when applicable the information shall be presented genderwise



## II. Methods used

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

- The analysis of the internal evaluation report of the IOSUD and its Annexes;
- The analysis of documents made available by the IOSUD, in physical format, during the evaluation visit (if such documents have been requested);
- The analysis of documents, data and information available on the IOSUD/Doctoral School(s) website, in electronic format;
- Visiting the buildings included in the institution's property, comprising (indicative and non-exhaustive list, which shall be changed according to the context):
  - classrooms;
  - laboratories;
  - the institution's library;
  - research centers;
  - the Career Counselling and Guidance Center;
  - lecture halls for students;
  - the student residences;
  - the student cafeteria;
  - sports ground etc.;
- The Council of the University Doctoral Studies (CSUD) The Council of the Doctoral School(s) (CSD) , the University Senate, the Board of Directors, the Quality Assessment and Assurance Commission, the Quality Assurance Department, the Ethics Commission (including with the student representatives of these structures);
- the Career Counselling and Guidance Center;
- student organizations;
- secretariats;
- various departments/administrative offices (Social/Student residences-Cafeterias etc.);
- Application of questionnaires to doctoral students or academic staff affiliated to the IOSUD.

Institutional evaluation is based on the study of the evaluation guide and other submitted documents in the preparatory stage.

The elaboration of the external evaluation report was carried out on the basis of the analysis of the Self-Evaluation Report and subsequent partial communication with school representatives who answered written and verbally (for example prof. Roceanu) to the submitted questions before the stage online preliminary meetings . PowerPoint presentation of prof. Roceanu.

The appendices to the self-assessment report were not available in English. Only a brief consultation explanation was provided. The information obtained during the online visit was used for the evaluation attachment.

Further information about the structure, officials of the doctoral schools was obtained by studying the university's website. The CVs of the student supervisors, the mission of the doctoral school, its goals and the results achieved in the recent period were also available here.



On the basis of available information, it can be stated, that the university operates in accordance with the national legislation, the requirements of the Ministry of Defense and the General Staff. The documents further confirm, that the development of education, scientific activities, as well as scientific and creative outputs of students are in line with current internationally comparable trends in doctoral studies.

The doctoral school operates on the basis of the activities of individual bodies, namely: • The Council of the University Doctoral Studies (CSUD) The Council of the Doctoral School (s) (CSD), the University Senate, the Board of Directors, the Quality Assessment and Assurance Commission, the Quality Assurance Department, the Ethics Commission (including with the student representatives of these structures); All these bodies have their own organizational guidelines for their activities.

Given that the doctoral school operates within the material security of the entire university, it can be stated, that according to documented information, it has enough classrooms and the necessary IT technology to implement educational and scientific research activities.

In addition to the listed capacities mentioned in the self-assessment report of the university, ie the doctoral school, also has the necessary facilities for leisure activities, as well as ensuring the health care of students. It is necessary to positively evaluate the capacity and equipment of the university library.

The documented statistics indicate a slightly growing trend in financial security, which creates a stable framework for the development of doctoral schools. Although the increase is not very high, within the long-term development of the doctoral school, it is possible to guarantee the required quality of all performances, both for teachers and students.

The budget of the doctoral school has two pillars: one from student fees and the second, from the MoD budget as support for a students supported by MoD.

- Meeting/discussions with doctoral students in the IOSUD;

The discussion took place with 11 students. Students confirmed good cooperation with teachers and trainers. They appreciated the possibility of publishing free of charge within the university magazine. They praised the school's support for attending conferences. They confirmed their knowledge of the process of selecting students and teachers for the individual academic bodies of the school.

Students had little knowledge of the possibility of using special laboratories for research. They consider the university library to be the basic laboratory. Students confirmed their knowledge of using an anti-plagiarism system during their studies. First-year students had less knowledge. From the point of view of publishing ethics, they correctly confirmed when the supervisor can become a co-author of the article. The possibility of using Erasmus to support their research has not been much emphasized

- Meeting/Discussions with the graduates of the IOSUD;

The discussion was attended by 10 graduates who were from the private sector, the public sector and the military. Two graduates completed their second doctoral studies at the university and greatly appreciated this acquired education, which comprehensively expanded their knowledge and competencies. When comparing the education system at the Civil School and the Carl I University, they agreed in agreement on the higher quality of the military university. They evaluated the quality of the doctoral school management system highly positively and highly appreciated the performance of the supervisors. They considered the information support as well as the study background to be above standard. They



unequivocally agreed on the benefits and importance of the doctoral school in the field of security.

- Meeting/Discussions with employers of the graduates of the IOSUD;

Employers from the army and military schools took part in the discussion. In the military, graduating from a doctoral school is an advantage, otherwise it is not required to perform the function. The universities confirmed the preference of doctoral students as a necessary condition for increasing the qualification of teachers and the possibility of supplementing the teaching staff. They agreed that the graduates were well prepared and brought contemporary theoretical knowledge. They confirmed good cooperation with the doctoral school and university. They participate in the creation of doctoral topics, joint conferences or evaluation committees. They expressed support for the further development of doctoral studies. They did not submit any negative findings. They expressed their satisfaction with the graduates coming from the doctoral school.

- Meeting/Discussions with the school officials of the IOSUD;

Prof. Rocena evaluated the activities of the doctoral school, its structure, its mission, goals and achieved results. He pointed out its historical development, traditions and uniqueness within the Ministry of Defense. The doctoral school covers doctoral education for all military academies. The management of the university confirmed the need for a doctoral school and at the same time its comprehensive support. Roceanu pointed to changes in the development of the number of doctoral students and supervisors.

- Meeting/Discussions with the Doctoral advisors affiliated to the IOSUD;

The discussion was attended by trainers from Carol I University, the Academy of Sibiu and Brasov.

The main issue discussed was the number of students to the number of tutors. A disparity was found, especially in the INS domain.

The supervisors confirmed the functionality of the doctoral school.

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

All representatives of the individual parts of the university supporting the doctoral school had a common conclusion that the cooperation with the doctoral school works very well. There is a mutual cooperation that results from the fact that it is the employees of the university who know each other and are able to respond to the needs of the doctoral school. The centers with laboratories, the university library, the system of annual conferences at the university direct their activities to the quality support of the doctoral school. It can be stated that the managerial, procedural and documentary activities of the individual elements and the doctoral school are well coordinated.

The Ethics Committee strictly ensures that the basic rules are ensured throughout the scientific research system. The set system applies to students, teachers and trainers. An evaluation system with individual criteria for teachers and trainers is created, regularly implemented and evaluated. Data from questionnaire surveys are not publicly available. The university has the Quality Manual, which was approved by the University Senate, and which includes the set of university policies and strategies, procedures and responsibilities.



### III. Analysis of ARACIS's performance indicators<sup>2</sup>

#### **Domain A. INSTITUTIONAL CAPACITY**

- *general description of the domain analysis.*

For the organization and development of the educational processes, the doctoral school has at its disposal a didactic component and an administrative component.

The didactic component is in accordance with the *State of didactic positions of the Doctoral School*, endorsed by CSUD and approved by the University Senate for each academic year until October 1st. It is an affiliate doctoral supervisor.

The administrative component of the doctoral school is materialized through the director of the doctoral school (tenured teacher at the Faculty of Security and Defense) and the Education, Administrative and Secretarial Office, with 5 positions. Of the 5 administrative positions, 1 is for officer, 1 for non-commissioned officer and 3 for contract civilian personnel (auxiliary teaching staff, positions of patrimony administrators), 100% employed.

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

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

- *general description of the standard analysis.*

*The self-assessment report confirms that the university has in place and is implementing the effective functioning mechanisms provided for in the specific legislation on the organization of doctoral studies.*

**Performance Indicator A.1.1.1.** *The existence of specific regulations and their application at the level of the IOSUD, respectively at the Doctoral School(s):*

*(a) the internal regulations of the administrative structures (the institutional regulations for the organization and conduct of doctoral studies programs, the regulation(s) of Doctoral School(s);*

*(b) the Methodology for conducting elections at the level of the Council of University Doctoral Studies (CSUD), respectively at Doctoral School(s) including elections by the students of their representatives in CSUD/Council of the Doctoral School (CSD) and the evidence of their conduct;*

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

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

*(e) functional management structures CSUD/Council of the Doctoral School with evidence of the regularity of meetings;*

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<sup>2</sup> Each time when applicable the information shall be presented genderwise



f) the contract for doctoral studies;

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

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

All these documents are presented on the university's website and according to the discussions during the on site visit their content covers activities related to the activities of the doctoral school. All the discussions with the officials and students during the visit to the school showed that the documentary and procedural readiness of the doctoral school management is at a good level. Processes are comprehensively set up organizationally, motivationally and performance is measurable.

*Recommendations:*

**The indicator is fulfilled.**

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

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

The self-assessment report shows that the doctoral school has Regulation includes mandatory criteria, procedures and standards.

The new rules were set in May 2020 and must be complied with by 2022. Then sanctions will be implemented in relation to supervisors. The self-assessment report does not indicate the current state of compliance with this requirement. The university, it was presented during on site visit, continuously evaluates the development.

*Recommendations:*

**The indicator is fulfilled/**

**Performance Indicator\* A.1.1.3<sup>3</sup>.** *Doctoral schools included in IOSUD are organized as disciplinary or interdisciplinary disciplines/thematic, according to Article 158, paragraph (7) of the Law of National Education No. 1/2011 with subsequent amendments and additions.*

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<sup>3</sup> The indicators marked with an asterisk (\*) hold a special status, referring exclusively to the evaluation of doctoral schools, as per Article 12 from the annex No.1 of the Order of the minister of education No.



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

The area of intelligence and national security was established in 2013 on the basis of Government Resolution No. 493/2013. By this DG, the Regulation of the Minister of Education and Research No. 4843/2006, which specified the doctoral fields of Military Science and Intelligence, resp. National security. The table in the self-assessment report shows the development of the field according to legal provisions.

*Recommendations:*

***The indicator is fulfilled***

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

- *general description of the standard analysis.*

The self-assessment report presents the basic characteristics of logistics resources usable for the doctoral school. At the same time, it presents the characteristics of the basic IT systems used to support the doctoral school.

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

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

The self-assessment report presents a typology of individual information systems. Their number and variability sufficiently covers both communication requirements and needs for the implementation of educational and research activities. Spatial capacity, number of seats and computers in each classrooms covers the requirements of students. Graduates and students expressed their satisfaction in the discussion in this area.

***The indicator is fulfilled***

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

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

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3651/12.04.2021 approving the Methodology for evaluating university doctoral studies and the system of criteria, standards and performance indicators used in the evaluation In case they are not fulfilled, the Agency extends a period of maximum 3 years to IOSUD to correct the respective deficiencies.





Carol I" National Defense University has a service contract with S.C. Plagiarism - Anti-Plagiarism System through Internet SRL from 2016 (registered with no. A-297 / 22.01.2016; A-1236/29.03.2017; A-356/22.01.2018) having as main objective the acquisition by "Carol I" National Defense University from S.C. Plagiarism - Anti-Plagiarism System through Internet SRL of the service of electronic comparison of documents by using the internet service *Sistemantiplagiat.ro*.

**Evidence** - documents: *The procedure for the anti-plagiarism verification of the doctoral theses elaborated in "Carol I" National Defense University AM 2292, Similarity reports; Service contracts A-297 / 22.01.2016, A-1236 / 29.03.2017, A-356 / 22.01.2018 ([Annex Indicator A.1.2.2.](#))*.

OMENÇ Order no. 3482 / 24.03.2016 specifies in Art. (i): "The doctoral file shall contain at least a similarity report, which shall include a resolution of the supervisor and, where appropriate, other persons who have analyzed the report".

MENÇ Order No. 3485/24/2016 on Article 2 contains a list of programs recognized by the CNATDCU, including [www.sistemantiplagiat.ro](http://www.sistemantiplagiat.ro).

The students and graduates confirmed in the discussion that the anti-plagiarism information system is effective. System is used students and trainers to check thesis and articles.

***The indicator is fulfilled***

## **Criterion A.2. Research infrastructure**

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

- *general description of the standard analysis.*

**Performance Indicator A.2.1.1.** *The IOSUD/the doctoral school(s) present proof of possessing or having rented adequate spaces for research activity specific to doctoral studies (laboratories, experimental fields, research stations etc.)*

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

The self-assessment report, as well as the presentations of Mr. Circumar and other representatives of individual elements of the university in the discussion, confirmed that the university has modern laboratories, a well-equipped library creating the necessary research facilities for students. Subsequently, graduates and students expressed the sufficiency of the university's logistics and laboratory base. Especially the graduates evaluated this area very highly in comparison with other schools.

***The indicator is fulfilled***

**Performance Indicator A.2.1.2.** *The IOSUD/doctoral school(s) has/have collaboration agreements with higher education institutions, research institutes, research networks for joint partnerships and have access*





for using various research infrastructures; the offer for research services is presented publicly using a dedicated platform.

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

The strategy for the development of doctoral studies in the fields of Military Sciences and Information and National Security is integrated in the general vision of the university management regarding the evolution of the institution in the national and European academic context.

During 2018, contacts were initiated with the European Doctoral School on the Common Security and Defense Policy (DocSch) for the development of long-term collaborative relationships. As a result of the arguments presented, "Carol I" National Defense University became a member of the European Doctoral School on the Common Security and Defense Policy, being included in the "List of network institutions of the European Doctoral School on the CSDP" - <https://esdc.europa.eu/doctoral-school/>

The university is also a member of the CEFME military university association. The aim of CEFME is to support the cooperation of military schools in teaching, research and exchanges of teachers and students (especially within the ERASMUS program). internationalization of doctoral studies by exploiting Erasmus-type facilities or co-tutoring with academic and research institutions and organizations in the EU and NATO.

The university has 22 foreign cooperation agreements signed. At the national level, it cooperates with a number of universities and other institutions focused on security issues. These facts were also confirmed in the discussion with the graduates and the employers of the graduates.

### ***The indicator is fulfilled/***

**Performance Indicator A.2.1.3.** *The IOSUD/doctoral school(s) proves that it is/are concerned with permanent renewal of the research infrastructure to provide doctoral students access to up-dated research resources, by applying to various funding competitions and using own university resources for acquiring new research infrastructure.*

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

The curriculum for the training program based on advanced university studies / doctoral studies, aims at the learning outcomes specifying the professional skills and the transversal skills. Also, each *Discipline Sheet* contains: the objectives of the discipline (general objective and specific objectives), specific skills accumulated (professional skills, transversal skills). At the same time, in the structure of the *Discipline Sheet* there is a point (point 9) through which the contents of the discipline are corroborated with the expectations of the employers in the field related to the program.



The structure of the analytical program (and also of the discipline file) is presented in *Annex no. 4 of the Regulation on initiating, approving, monitoring and evaluating study programs in "Carol I" National Defense University*, approved by the University Senate, by decision no. 60 of 19.10.2017 and amended by decision no.39 of 17.06.2020, [Annex Indicator B.2.1.3](#).

Representations of the doctoral school, graduates and students agreed that great emphasis is placed on quality and access to current scientific research resources. Opportunities are being created to participate in projects and foreign conferences. The WoS database is available to students free of charge. The investment plans of the university further support the updating and renewal of its infrastructure.

***The indicator is fulfilled***

### **Criterion A.3. Quality of Human Resource**

Standard A.3.1. At the level of each Doctoral School there are sufficient qualified staff to ensure a quality educational process.

- *general description of the standard analysis.*  
Within the INS domain, it is proving desirable to increase the number of trainers or reduce the number of students in the future.

***Performance Indicator \* A.3.1.1.*** *The share of Doctoral advisors coordinating simultaneously more than 8 doctoral students but not more than 12 during their doctoral studies<sup>4</sup> does not exceed 20%.*

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

Due to the increase in quality requirements, the number of trainers has been reduced. From the explanation provided in the discussion by prof. Roceanu, as well as other trainers, came to the following findings. Most doctoral student supervisors currently coordinate a maximum of 8 students in active study. Exceeding this requirement is associated with passive guidance of students who have interrupted or postponed studies.

***The indicator is fulfilled***

***Performance Indicator A.3.1.2.*** *At least 50% of all teaching/research staff involved in teaching/research activities related to training programs for advanced university studies or in individual research/art creation programs have a full-time employment contract for an indefinite period with the IOSUD.*

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



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

According to the explanation during the discussion, it can be stated, that the indicator is met. The doctoral school presented only supervisors of doctoral studies and not members of the steering committee. At the request of the mission coordinator, the documents were supplemented as indicated. Most of the members of the steering committees are National Defense University "Carol I teachers, what means that the percentage of 50% is exceeded.

Furthermore, I would like to mention the specificity that is typical of military universities. Military colleges have two subordinations: the Ministry of Education and the Ministry of Defense. The discussion showed that in order to make better use of resources, the Military Universities created with the consent of the Minister of Defense a consortium of military colleges. One of the measures taken within the military consortium is that a doctoral school is organizationally sufficient, which will be mainly staffed by other schools. This approach seems to be an effective solution.

In the Czech Republic, it is possible by law to create a joint degree program, which is guaranteed personally, materially, financially, by all members of the consortium.

Because it can be assumed that even in the case of Carol I University, the supervisors within the consortium are full members of the doctoral school. The condition of recognition is given by meeting the quality requirements. The doctoral school should make even more use of this principle.

***The indicator is fulfilled/***

## **Domain B. EDUCATIONAL EFFECTIVENESS**

- *general description of the domain analysis.*

As part of the self-assessment report, the university declares its efforts to increase the effectiveness of education and scientific research within the doctoral school.

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

Standard B.1.1. Candidates admitted to doctoral studies demonstrate academic, research and professional performance and are diversified as social representation and by gender.

- *general description of the standard analysis.*

The ratio between the number of master's degree graduates from other higher education institutions and the number of candidates registered for the competition for admission to doctoral studies in the last 5 years, is as follows: 0.37 (it has a minimum value - 0.28 for admission in 2020 and a maximum value of 0.39 for admission in 2015).

Applicants admitted to doctoral studies demonstrate academic, research and professional performance. This experience was confirmed by a discussion with students. The rules, requirements and procedural conditions for admission to doctoral school are presented in the governing documents of the university.



**Performance Indicator \* B.1.1.1.** Admission to doctoral study programs is based on selection criteria including: previous academic, research and professional performance, their interest for scientific or arts/sports research, publications in the domain and a proposal for a research subject. Interviewing the candidate is compulsory, as part of the admission procedure.

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

Annex B 1.1.1. The self-evaluation report describes the evaluation indicators of the said standard. Selection criteria are set for admission as a doctoral student, which include: previous academic, research and professional performance, interest in studying and anticipated research, publishing activities in relation to the field.

The student is obliged to complete the entrance interview before the committee. Students confirmed in the discussion that they use publication results from the master's degree.

*Recommendations:*

**The indicator is fulfilled**

**Performance Indicator B.1.1.2.** The IOSUD/doctoral school(s) have a policy for stimulating enrollment of doctoral students coming from disadvantaged social environments, by allocating reserved positions in the admission procedure and/or granting special scholarships, as well as organising support programs to prevent drop-outs.

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

IOSUD-UNAp regulates the facilities of candidates from socially disadvantaged backgrounds in doctoral studies through the provisions of Regulation.

They are exempt from paying the registration fee for admission, partially or totally granted for studies and fully supported for dissemination of doctoral results.

*Recommendations:*

**The indicator is fulfilled**

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

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



- *general description of the standard analysis.*

The content and structure of the doctoral study program corresponds to the needs of further expanding theoretical education and the beginning of the student's scientific research work. Cognition is based on a reference from <https://www.unap.ro/ro/doctorat/PLANURI%20INVATAMANT/Plan%20doctorat%20ISN.pdf>, self-assessment report.

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

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

The study program contains 3 compulsory subjects and 5 optional subjects, among which the doctoral student must complete one. Within the compulsory disciplines there is also the discipline **Methodology of scientific research**. Its main objective is to transmit knowledge on the management of research projects and to train the competence to use advanced research methods and techniques.

Compulsory courses: Ethics, Methodology of Scientific Research and Safety Studies, creates a sufficient theoretical basis for the acquisition of knowledge and skills to achieve quality creative results, in accordance with the qualitative criteria of the doctoral school. The block of optional subjects enables the creation of the necessary professional specialization. This knowledge was confirmed by graduates and students of the doctoral school.

*Recommendations:*

**The indicator is fulfilled**

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

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

Two compulsory courses: Ethics and Methodology of Scientific Research, meet a set standard requirement. Discussions with graduates and students have credibly demonstrated the practical fulfillment of the set requirement

*Recommendations: The indicator is fulfilled*

**Performance Indicator B.2.1.3.** *The IOSUD has mechanisms to ensure that the academic training program based on advanced university studies addresses "the learning outcomes", specifying the*



knowledge, skills, responsibility and autonomy that doctoral students should acquire after completing each discipline or through the research activities<sup>5</sup>.

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

The curriculum for the training program based on advanced university studies / doctoral studies, aims at the learning outcomes specifying the professional skills and the transversal skills. Also, each *Discipline Sheet* contains: the objectives of the discipline (general objective and specific objectives), specific skills accumulated (professional skills, transversal skills). At the same time, in the structure of the *Discipline Sheet* there is a point (point 9) through which the contents of the discipline are corroborated with the expectations of the employers in the field related to the program.

The structure of the analytical program (and also of the discipline file) is presented in *Annex no. 4* of the *Regulation on initiating, approving, monitoring and evaluating study programs in "Carol I" National Defense University*, approved by the University Senate, by decision no. 60 of 19.10.2017 and amended by decision no.39 of 17.06.2020, [Annex Indicator B.2.1.3](#).

*Recommendations:*

***The indicator is fulfilled/***

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

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

- *general description of the standard analysis.*

The university has developed detailed criteria for the acceptance of the doctoral thesis by the presentation committee.

Graduates of the doctoral school confirmed the quality evaluation of scientific results in the form of presentations at conferences, but also by publishing their theses in the form of a book. The results were published nationally and internationally.

***Performance Indicator B.3.1.1.*** *For the doctoral school there are in place mechanisms for valorification of the results of doctoral studies in accordance with the specificity of the particular domain (i.e. technological transfer, products, patents in the case of exact sciences; products and services for social sciences and humanities; festivals, contests, recitals, sports competitions; cultural-arts orders in the vocational domain; presentations at national and international conferences, publication of research results in national and international publications, engaging doctoral students in writing research-development projects etc.)*

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



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

The Doctoral School has been co-organizer of the series of annual scientific conferences of UNAp "Strategies XXI", and since 2018 it organizes individually a scientific conference under the same patronage, dedicated especially to doctoral students. Details on the annual topics, scientific committees, panels and other issues, as well as the volumes of the conferences can be consulted on the conference website "Strategies XXI" at [www.strategii21.ro](http://www.strategii21.ro)

The doctoral school has developed criteria for evaluating the quality of dissertations. It also has criteria for the gradual annual fulfillment of quality requirements by the student. These are mainly publications in magazines, appearances at conferences. These facts were confirmed by a discussion with the doctoral school management, supervisors, graduates and doctoral students.

The minimum standards are those established by the specialized commission from CNATDCU in force at the time of concluding the study contract. In principle, a doctoral student must publish at least four articles as first author / corresponding author / co-author, of which:

b) at least three specialized articles in journals (with peer review system), indexed in at least two international databases;

c) at least one article in the volumes of some international conferences in the field, proved by the program and volume of the conference.

d) PhD students in places without fee have the obligation to publish at least one article in a journal / reference conference for the field of the doctoral thesis that is published abroad.

*Recommendations:*

***The indicator is fulfilled***

## **Criterion B.4. Quality of doctoral theses**

### **Standard B.4.1. Doctoral theses fulfil high quality standards**

The doctoral school has developed detailed and demanding selective criteria to meet the qualitative requirements for the dissertation in the following scope.

- *general description of the standard analysis.*
- I. Quality criteria regarding the scientific content of the doctoral thesis for **EXCELENT** appreciation :
  - a. the doctoral thesis is an innovative, critical, creative, inventive scientific work in the field / subject approached;
  - b. the doctoral student has made a coherent approach between the theoretical, conceptual structure and the professional application of the results of the doctoral research;
  - c. the research hypotheses are clearly highlighted and precisely defined, the research methodology is adequate and the results obtained are scientifically argued and validate / invalidate the hypotheses;
  - d. the doctoral student proves the excellent and differentiated knowledge of the research techniques and realizes their application in diverse and specific contexts of the doctoral thesis field;



- e. the doctoral student proves the knowledge of the scientific achievements in the current field (state of the art), demonstrated both by the text and by the bibliographic list that includes primary sources and reference scientific papers, published especially in the last 10 years;
- II. Criteria regarding the research program:
- a. The doctoral thesis was elaborated during the doctoral studies program.
- b. The thesis is elaborated in a language of international circulation.
- c. The doctoral thesis was not rejected in the pre-submission committee.
- d. The doctoral student had an internationally recognized laborious scientific activity proven by the publication of at least five articles in journals indexed in at least three international databases, of which:
  - i. at least one single-author article in journals rated Web of Science / Scopus, with an absolute influence score greater than 0.5;
  - ii. at least one article is published in a specialized magazine published abroad;
  - iii. Participation in at least three international conferences, of which at least one is organized abroad, in which the doctoral student presents a scientific article, of which two are indexed Web of Science / Scopus;
- e. The doctoral thesis is appreciated by the commission for public defense of the doctoral thesis with the grade “excellent” by the vote of the members of the commission.
- 
- I. Quality criteria regarding the scientific content of the doctoral thesis for **VERY GOOD** appreciation:
  - a. the doctoral thesis is a valuable scientific paper, which exploits creatively and innovatively the knowledge in the field and has the potential to develop further research;
  - b. the doctoral student has made a relatively coherent approach between the theoretical, conceptual structure and the professional application of the doctoral research results;
  - c. the research hypotheses are clearly highlighted and precisely defined, the research methodology is relatively adequate and the results obtained are scientifically proven and directly related to the working hypotheses;
  - d. the doctoral student proves the knowledge of the research techniques and realizes their application in diverse contexts and specific to the field of the doctoral thesis;
  - e. the doctoral student proves the knowledge of the current scientific achievements in the field (state of the art), demonstrated both by the text and by the bibliographic list that includes primary sources and reference scientific papers;
- II. Criteria regarding the research program:
  - a. The doctoral thesis was elaborated during the doctoral study program or during the maximum period of 2 years of grace.
  - b. The thesis is elaborated in Romanian / language of international circulation.
  - c. The doctoral thesis was not rejected in the pre-submission committee.
  - d. The doctoral student had a remarkable scientific activity, fulfilling the minimum publication requirements mentioned at the date of enrollment in doctoral university studies, of which:
    - (i) at least three peer-reviewed journal articles, indexed in at least two international databases, of which 2 by a single author;
    - (ii) at least one article / conference is published in a journal / conference published abroad (applies to doctoral students enrolled from 2019);
    - (iii) participation in at least 2 international conferences, of which at least one outside IOSUD-UNAp.
  - e. The doctoral thesis is appreciated by the commission for public defense of the doctoral thesis with the qualification “Very good” by the vote of the members of the commission.
- 
- 
- I. Quality criteria regarding the scientific content of the doctoral thesis for **GOOD** appreciation:
  - a. the doctoral thesis is a topical scientific paper, which demonstrates knowledge in the field;
  - b. the doctoral student has made a relatively coherent approach between the theoretical, conceptual structure and the professional application of the doctoral research results;
  - c. the thesis has research hypotheses, research directions, clearly describes the study issue and uses research techniques and methods appropriate to the purposes;



- d. the doctoral student proves the partial knowledge of the research techniques and realizes their application in diverse and specific contexts of the doctoral thesis field;
- e. the doctoral student proves the knowledge of the current scientific achievements in the field (state of the art), demonstrated both by the text and by the bibliographic list that includes reference scientific papers in the field;
- II. Criteria regarding the research program:
  - a. The doctoral student had minimal scientific activity by fulfilling the publication requirements from point 6.3.
  - b. The doctoral thesis is appreciated by the commission for public defense of the doctoral thesis with the qualifier “good” by the vote of the members of the commission.
  - 
  - 
  - I. Quality criteria regarding the scientific content of the doctoral thesis for **SATISFACTORY** appreciation:
    - a. the doctoral thesis is a topical scientific paper, which demonstrates knowledge in the field;
    - b. the doctoral student has made a relatively coherent approach between the theoretical, conceptual structure and the professional application of the doctoral research results;
    - c. the thesis has research hypotheses, research directions, clearly describes the study issue and uses research techniques and methods appropriate to the purposes;
    - d. the doctoral student proves the partial knowledge of the research techniques and realizes their limited application in diverse and specific contexts of the doctoral thesis field;
    - e. the doctoral student proves the knowledge of the current scientific achievements in the field (state of the art), demonstrated both by the text and by the bibliographic list that includes reference scientific papers in the field.
  - II. Criteria regarding the research program:
    - a. The doctoral thesis had at least one rejection in the pre-submission committee
    - b. The doctoral student had minimal scientific activity by fulfilling the publication requirements from point 6.3.
    - c. The doctoral thesis is appreciated by the commission for public defense of the doctoral thesis with the qualification “satisfactory” by the vote of the members of the commission.

**Performance Indicator B.4.1.1.** *At the level of IOSUD, the percentage of theses non-validated, at the level of General Council of the National Council for Attestation of University Degrees, Diplomas and Certificates (CNADTCU), without the right of further amendments and re-organizing the process of public defending, is not exceeding 5% in the last 5 years.*

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

For the period October 2015 - September 2020 within IOSUD-UNAp are not registered invalidated theses without the right to remake and resume the public support process. As a result, the percentage of analysis is 0%.

*Recommendations:*

***The indicator is fulfilled***

## **Domain C. QUALITY MANAGEMENT**

- *general description of domain analysis.*



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

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

- *general description of the standard analysis.*

The self-assessment report confirms that the Doctoral School has developed comprehensive evaluation criteria for the evaluation of students and other areas of the doctoral school's activities.

The self-evaluation of the Doctoral School was carried out at two-year intervals, in accordance with the provisions of art. 10 of the [Doctoral School Regulations](https://www.unap.ro/index.php/ro/informatii-utile-doctorat), (<https://www.unap.ro/index.php/ro/informatii-utile-doctorat>).

The self-evaluation report of the [Doctoral School for the period October 2015-September 2017](#) was analyzed and approved by the Decision of the Doctoral School no. 15 / 07.06.2018 and approved by the CSUD Decision no. 9 of 10.07.2018 (AM 2290, G2-1627 of 13.07.2018). Its structure includes, among others:

a) Evaluation of doctoral supervisors (Doctoral supervisor self-assessment form - Annex no. 1; Doctoral student evaluation questionnaire by doctoral students - Annex no. 2, from the Doctoral School Regulations).

b) Evaluation of the material basis of education;

c) The viability of the organizational structure; doctoral school - organization and functioning.

***Performance Indicator C.1.1.1. The IOSUD shall demonstrate the continuous development of the evaluation process and its internal quality assurance following a procedure developed and applied at the level of the doctoral school(s), the following assessed criteria being mandatory:***

*(a) the scientific work of Doctoral advisors;*

*(b) the infrastructure and logistics necessary to carry out the research activity;*

*(c) the procedures and subsequent rules based on which doctoral studies are organized;*

*d) the academic and social services (including participation to various events, publication of papers etc.) and counselling made available to doctoral students.*

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

The scientific activity of the doctoral supervisors is materialized by the periodic elaboration (every 2 years) by them of the *Form for verifying the fulfillment of the minimum standards*, established by the Commission of Military Sciences, Information and Public Order (CNATDCU).

The [Annex Indicator C.1.1.1](#) presents:



1. Self-assessment form of the doctoral supervisor (Annex no. 1 to the Doctoral School Regulations);
2. Evaluation questionnaire of the doctoral supervisor by doctoral students (Annex no. 2 to the Doctoral School Regulations);
3. Form for verifying the fulfillment of the minimum standards (CNATDCU).

The self-assessment report and its annexes document the fulfillment of the set requirements. Discussions within the on site visit confirmed their practical application. The document is only available in Romanian.

Criteria under standard C 1.1. 1, Part 1a to evaluate the performance of trainers are very extensive and very diverse. The focus of performance evaluation is not on articles in the WoS and SCOPUS databases and allows them to be replaced by other activities that are of lower quality. It would be useful to set a narrower range of performance criteria, but with a higher quality, such as the implementation of the Hirsch index.

The same approach to quantification and measurability as to the development of infrastructure and research facilities should be established

*Recommendations:*

***The indicator is fulfilled***

***Performance Indicator C.1.1.2.*** *Students' associations and, according to the case, representatives of students organise elections in the community of doctoral students, for positions in the CSUD, by universal vote, direct and secret, all doctoral students having the right of electing or being elected.*

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

The constitution of CSUD is made in accordance with the provisions of the Code of doctoral studies, approved by GD 681/2011 and the Methodology for organizing elections and appointing members of the board for doctoral studies (approved by the university senate in the meeting of 19.06.2019).

Thus, the doctoral students from the doctoral school within IOSUD-UNAp elect by universal, direct, secret and equal vote a doctoral student as a member of CSUD. The organization of elections and the appointment of CSUD members takes place in the month in which the term of office of the members of this structure expires or when, for various reasons, one or more positions in the CSUD structure become vacant. Vacancies in the CSUD shall be filled, as appropriate, either by elections or by the appointment and designation of new members, depending on how they were initially filled. The term of office of the new member shall end when the term of office of the CSUD expires.

The discussion showed that students know these procedural procedures, although first-year students were less familiar with this issue.

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*Recommendations:*

**The indicator is fulfilled**

**Performance Indicator C.1.1.3.** *Students' associations and, according to the case, representatives of students organise elections in the community of doctoral students at the level of each doctoral school, for positions in the councils of doctoral schools, by universal vote, direct and secret, all doctoral students having the right of electing or being elected.*

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

The available documents confirm that, the constitution of the CSD is made in accordance with the provisions of the Code of doctoral studies, approved by GD 681/2011 and the Methodology for organizing elections and appointing members of the doctoral school council. Thus, the doctoral students from the doctoral school from IOSUD choose by universal, direct, secret and equal vote two doctoral students as members of the CSD. The organization of elections and the appointment of CSD members takes place in the month in which the term of office of the members of this structure expires or when, for various reasons, one or more positions in the CSD structure are vacant. Vacancies in the CSUD shall be filled, as appropriate, either by elections or by the appointment and designation of new members, depending on how they were initially filled. The term of office of the new member shall expire at the end of the term of office of the CSUD.

The conduct of the elections for the appointment of the representatives of the doctoral students is ensured by the Commission for the election of doctoral students, composed of a president and two members. The specified commission is composed only of doctoral students, elected by them at the general assembly of doctoral students.

*Recommendations:*

**The indicator is fulfilled**

**Performance Indicator \* C.1.1.4.** *Following the internal evaluation, IOSUD and the doctoral schools draft strategies and policies aiming to eliminate the identified deficiencies and to stimulate scientific and academic performance of IOSUD.*

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

According to the presentation of prof. Roceanu and according to the results of the discussion within it self visit, the university takes measures to improve the situation, such as reducing the number of students, accepting higher quality evaluation criteria for admitted students, as well as tutors.

*Recommendations:*

**The indicator is fulfilled**



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

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

- *general description of the standard analysis.*

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

*(a) the IOSUD/Doctoral School regulation;*

*(b) the admission regulation;*

*(c) the doctoral studies contract;*

*(d) the study completion regulation including the procedure for the public presentation of the thesis;*

*(e) the content of the training study program based on advanced academic studies;*

*(f) the academic and scientific profile, thematic areas/research themes of the Doctoral advisors within the domain, as well as their institutional contact data;*

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

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

*(i) information on the opportunities for doctoral students aiming to attend conferences, to publish articles, awarding scholarships etc.*

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

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

The inspection of the website showed that there are no searchable attachments in the English version: j g, h, i, j. Prof. Roceanu confirmed that the university does not currently have the capacity to translate all the texts, but it will gradually improve and it is not mandatory according the law.

*Recommendations:*

***The indicator is fulfilled partially***

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

- *general description of the standard analysis.*

Due to the range of contracts concluded, the doctoral school provides the necessary support to doctoral students.

**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 the their thesis.*

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





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

The university, as an institutional member of the ANELIS Plus consortium, "Carol I" National, has access to full-format research journals and bibliographic and bibliometric databases.

*For PhD students, access to the database platform is allowed for the entire period subject to evaluation, free of charge, based on account and password, and doctoral students, like the other categories of staff in the institution, were allowed permanent access, of institutional type (through computers connected to the Internet in UNAp), and since 2014 and from anywhere - through mobile access. The access account was obtained after completing the standard application from the institution.*

*In order to use the electronic information and documentation resources subscribed by UNAp through the AnelisPlus Project, regular trainings were organized at the level of the institution, supported by the specialized staff of E-nformation company, which means at national level, making members available and accessing databases insured, actions in which doctoral students enrolled in UNAp also participated.*

*The doctoral students, during the evaluated period, had permanent, free trial or partial access - to databases from the analyzed doctoral university studies field, according to those detailed in Annex indicator C.2.2.1.a.*

All actors affected by these processes have confirmed the functionality of the established system.

*Recommendations:*

**The indicator is fulfilled**

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

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

Carol I" National Defense University has a service contract with S.C. Plagiarism - Anti-Plagiarism System through Internet SRL since 2016 having as main objective the acquisition by „Carol I" National Defense University from the above mentioned company of the electronic document comparison service by using the internet service *Sistemantiplagiat.ro*.

In order to pre-defend the doctoral thesis, the doctoral student submits to the Doctoral School a request to start the procedures for evaluating the doctoral thesis, which also includes the approval of the doctoral supervisor (Annex no. 26A of the [Doctoral School Regulation](#)). The next step is the introduction of the doctoral thesis in the service of electronic comparison of documents by using the internet service *Sistemantiplagiat.ro*. On the similarity report resulting from the anti-plagiarism check, the doctoral supervisor expresses his agreement through which the doctoral thesis can be defended publicly.

In the discussion, graduates, students and supervisors confirmed that this system is functional and students use it in accordance with the established rules.





*Recommendations:*

**The indicator is fulfilled**

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

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

According to the [Doctoral School Regulations](#) Art. 62. point (2) "*all doctoral students have free access to the academic resources relevant to doctoral studies generated / administered by the university, such as: scientific research laboratories, university library, scientific journals, content of national / international scientific events*".

- Thus, accessing IT resources from scientific research laboratories is allowed to all PhD students who have an account and password for those computer systems. Laboratory computers are connected to the Internet, the internal UNAp network (Intranet), or local area networks. Accounts for the use of computers are created on the basis of requests made by applicants, after they have been trained on the rules on the operation of computer systems. For this, doctoral students can plan on the basis of a register, for example, at the Laboratory for the Simulation of Military Actions in the "Register of laboratory hours".
- In order to ensure access to the educational content or to the information provided by the teaching staff, doctoral students can access the ILIAS online educational platform (in the doctoral field in which he was admitted) based on a *doctoral student account application* at: [https://lms.adlunap.ro/login.php?target=&client\\_id=unap&auth\\_stat=\\_](https://lms.adlunap.ro/login.php?target=&client_id=unap&auth_stat=_) The details regarding the creation of the account are in the *Guide for using the ILIAS-DIDAD platform for DOCTORAL students* at [https://adlunap.ro/modules/programestudii/ghidLMSdoctorat2019\\_portal.pdf](https://adlunap.ro/modules/programestudii/ghidLMSdoctorat2019_portal.pdf).

The [Annex Indicator C.2.2.3](#) presents the *Register with the record of laboratory hours - model* (Laboratory for simulation of military actions)

These facts were confirmed in the discussion by students and graduates of the doctoral school.

*Recommendations:*

**The indicator is fulfilled**

### **Criterion C.3. Internationalization**

Standard C.3.1. IOSUD/Doctoral school has a strategy in place and it is applied to enhance the internationalization of doctoral studies.

- *general description of the standard analysis.*



In its educational and research strategy, the doctoral school strongly emphasizes the importance of internationalization. He solves it on two levels:

- by sending its students and trainers mainly for Erasmus stays, conferences, military exercises abroad
- inviting foreign experts to the doctoral school

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

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

IOSUD-UNAp has collaboration agreements with 32 institutions in the country and with 27 institutions abroad, agreeing on reciprocity in the organization of education and research activities ([Annex Indicator C.3.1.1a](#)). Thus, based on these agreements, 14 mobilities of doctoral students in the field of Intelligence and National Security were carried out.

At the same time, the Ministry of National Defense (the main recipient of educational services offered by UNAp) and through "Carol I", the University of National Defense encourages / supports / orders the participation of Romanian army soldiers in international counterterrorism, peace support or humanitarian missions, such as large multinational exercises. The implementation of such missions also allows the transfer of knowledge in the current environment of military combat, as well as the analysis / experimentation of action procedures specific to modern armies.

IOSUD-"Carol I" UNAp facilitated the participation of 8 doctoral students in the field of Intelligence and National Security in missions in theaters of foreign operations and / or in major multinational exercises. In conclusion, a number of 22 doctoral students, which represents 37.3% of the students who defended their doctoral thesis between October 2015 and September 2020, completed an internship abroad or another form of mobility.

In the discussion, students and graduates confirmed the possibilities of participating in the Erasmus program or other foreign activities, such as conferences or military exercises.

*Recommendations:*

**The indicator is fulfilled**

**Performance Indicator C.3.1.2.** *IOSUD supports, including providing financial support, to the organization of doctoral studies in international co-tutelage or invitation of leading experts to deliver courses/lectures for doctoral students.*



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

The University is financed by the budget of the Ministry of National Defense, having its own income and expense source F budget, exclusively made up of its own income.

It is a "non-profit" institution, in accordance with the provisions of the Law of National Education no 1/2011, with its subsequent adjustments and completions. This fact partially limits the possibilities of the school.

Within the field of studies, measures have been implemented to invite leading experts to give lectures for doctoral students, especially in the program of advanced university studies.

- During the period under review, 3 important presentation activities of international experts were supported. A detailed overview of visits is given in the appendix [Annex Indicator C.3.1.2, which](#) presents evidence on the invitation of senior experts to give courses / lectures for doctoral students.

*Recommendations:*

**The indicator is fulfilled**

**Performance Indicator \* C.3.1.3.** At least 10% of the doctoral theses of every doctoral schools of the IOSUD are drafted and/or submitted in an international foreign language or are organised in international co-tutelage.

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

The self-assessment report confirms the fulfillment of this requirement. Some graduates directly confirmed in the discussion that they had prepared their theses in English. Students also confirmed that they know about this requirement and expect to write their work in a foreign language.

*Recommendations:*

**The indicator is fulfilled**

**Performance Indicator C.3.1.4.** The internationalization of activities carried out during the doctoral studies is supported by IOSUD through concrete measures (e.g., by participating in educational fairs to attract international doctoral students; by including international experts in guidance committees or doctoral committees<sup>6</sup> etc.).

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

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<sup>6</sup> Doctoral studies are completed by presenting the doctoral thesis in public session in front of a committee whose members hear and judge the final public presentation of the thesis



*The development of collaborative relations with scientific research institutions abroad in order to increase the efficiency of the university's activity and prestige is one of the strategic objectives of the university. In this sense, IOSUD-UNAp has collaboration agreements with 27 institutions abroad, agreeing on reciprocity in the organization of education and research activities (Annex Indicator C.3.1.1a).*

In conclusion, a number of 22 doctoral students, which represents 37.3% of the students who defended their doctoral thesis between October 2015 and September 2020, completed an internship abroad or another form of mobility.

The [Annex Indicator C.3.1.1](#) presents:

1. The situation of students enrolled in the period 2015 - 2020 who have performed mobilities in European institutes / centers of strategic studies / security and with Euro-Atlantic institutions.

2. The situation of students enrolled in the period 2015 - 2020 who performed mobility in the theaters of foreign operations / major multinational exercises.

Students and graduates of the doctoral school confirmed that the school supports these activities and helps, especially through the trainers, their implementation.

*Recommendations:*

***The indicator is fulfilled***



## **Criterion C.4. System for assurance of ethical and academic integrity**

Standard C.4.1. IOSUD/Doctoral school has a functional and efficient system in place for prevention and assuring ethical and academic integrity norms

- *general description of the standard analysis*

The doctoral school has the necessary governing documents for this area.

**Performance Indicator C.4.1.1.** *IOSUD, applies the current provisions regulating ethics, deontology/academic integrity, respectively to academic freedom and has developed:*

- *policies based on prevention regarding possible violations of the Code of ethics and academic integrity, demonstrated by public postionings, studies, analyses or measures taken;*
- *practices and mechanisms for preventing fraud, from an institutional perspective as well as from the perspective of the doctoral students;*
- *practices for preventing possible fraud in academic activity, research or any other activity, including active measures for preventing and avoiding plagiarism of any kind, as well as promoting ethical and integrity/deontology principles or observing intellectual property norms, authors' rights and other related rights, among all members of the academic community;*
- *administrative instruments which allow applying effective and eliminatory sanctions;*
- *mechanisms and measures to assure equal opportunities and protection against intolerance and discrimination of any kind;*
- *description of the facts, the findings from the assessed institution's documents and the evaluation visit itself.*
- *analysis of the facts, the findings from the assessed institution's documents and the evaluation visit itself.*

*IOSUD monitors and permanently evaluates these practices and can prove they are applied to all activities and engagement of students in all these processes, and the results of the monitoring is made public yearly or whenever it becomes necessary.*

As part of improving the quality of doctoral studies, the doctoral school is intensively concerned with respecting the standards of university and professional ethics, with an emphasis on:

- a. admission procedure for doctoral studies;
- b. continuous evaluation of doctoral students' activities;
- c. acceptance of ethical relations between doctoral students and supervisors;
- d. implementation of control mechanisms, using software tools in all activities of doctoral schools, students and supervisors

Based on the data of the self-assessment report, it can be stated that the doctoral school, together with the supervisors of doctoral studies, informs doctoral students about scientific, professional and university ethics and verifies its observance, including:

- a) compliance with deontological measures in the conduct of doctoral research;
- b) observance of deontological provisions during the elaboration of the dissertation.

The doctoral school takes measures to prevent and sanction deviations from the standards of scientific, professional and university ethics according to the code of ethics and professional deontology of institutions. In case of possible academic fraud, violation of



university ethics or deviations from good behavior in scientific research, including plagiarism.

Starting with the academic year 2018/2019, the field "Ethics and Academic Integrity" was introduced within the study plans of doctoral studies in the regime of Higher University Studies, the syllabus of the course is given in Annex 7.

It should be noted that over the years, there have been works that did not comply with the rules of ethics and academic and research integrity, which have been proven by plagiarism. No work was submitted during the period under review that would demonstrably violate the rules of ethics and plagiarism. However, in the reference period 2015-2020, there were a number of plagiarism complaints.

Discussions with students and graduates of the doctoral school confirmed the above facts. From available documents can be deduced that the university pays great attention to this issue and strictly controls compliance with the established rules.

These facts were confirmed in the on-site visit by representatives of the doctoral school as well as graduates and students of the doctoral school.

*Recommendations:*

**The indicator is fulfilled**

**Performance Indicator C.4.1.2.** *All intimations regarding suspicion of plagiarism related to doctoral theses have been analysed and resolved by the IOSUD within the time interval legally established for expressing in writing its position regarding the intimation received.*

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

For the evaluated period 2015 - 2020, no complaints or proposals for the control of plagiarism were identified and submitted. This is evidenced by the self-assessment report.

*Recommendations:*

**The indicator is fulfilled**

**Performance Indicator C.4.1.3.** *Annual Reports of the Ethics commission of the IOSUD contain information on the stage of solving each case of intimation or own-initiative intimation regarding violation of norms or ethical aspects relevant for university doctoral studies. description of the facts, the findings from the assessed institution's documents and the evaluation visit itself.*

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

Such cases were not identified or resolved during the period under review.

*Recommendations:*

**The indicator is fulfilled**



**Performance Indicator C.4.1.4.** *The measures taken by IOSUD after the final decision of CNADTCU to withdraw the title of “doctor” following accusations of plagiarism have addressed all the aspects mentioned in CNADTCU’s decision and in the current legislation.*

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

Such a case was not identified or resolved during the period under review.

*Recommendations:*

**The indicator is fulfilled**

**Performance Indicator C.4.1.5.** *The measures aiming to prevent academic fraud in the doctoral studies, taken by IOSUD, could be:*

- Suspension of the right to advise newly enrolled doctoral students, for a period of 3 years, in the case of doctoral advisors having coordinated a doctoral thesis with a definitive decision of withdrawal of the “doctor” title for plagiarism;*
- Exclusion from the IOSUD of the doctoral advisor having coordinated at least two doctoral theses with definitive decisions of withdrawal of the “doctor” title for plagiarism;*
- Suspension of the right to organize the admission process of new doctoral students in the Doctoral studies domain, for a period of 2 years, if in the respective domain a doctoral thesis has been finalized and defended with a definitive decision of withdrawal of the “doctor” title for plagiarism.*

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

No facts were found regarding the content of this standard .

*Recommendations:*

**The indicator is fulfilled**

**Performance Indicator \*C.4.1.6.** *The scientific reviewers members in the commissions for public defense of two or more doctoral theses with definitive decisions of withdrawal of the “doctor” title for plagiarism, have not been nominated in other commissions for public defence of doctoral theses for a period of at least 3 years.*

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

No facts were found regarding the content of this standard .





*Recommendations:*

***The indicator is fulfilled/***

**Performance Indicator C.4.1.7. IOSUD has a database open to the public containing all the doctoral theses defended in the institution beginning at least in 2016 in a format including: the domain, author, doctoral advisor, title of the thesis and the thesis in electronic format (if there is an agreement of the author).**

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

IOSUD-UNAp has a public database that includes all doctoral theses defended in the institution, or is planned to be defended for each university year. <https://www.unap.ro/index.php/ro/finalizare-teze-de-doctorat>. After the PhD students received the Diploma, the public information about thesis is archived and will be displayed only the Ministry order by which the PhD title is granted. Moreover, the IOSUD makes effort in order to publish all PhD thesis in a summary but there are some GDPR aspects and has to be solved.

*Recommendations:*

***The indicator is fulfilled***

#### **IV. SWOT Analysis**

<p><b><u>Strengths:</u></b>          * the strengths identified throughout the report will be resumed as part of the indicators' analysis. Other general strengths that do not fall within a particular indicator may be formulated.</p>	<p><b><u>Weaknesses:</u></b>          *the weaknesses identified throughout the report will be resumed as part of the indicators' analysis. Other general weaknesses that do not fall within a particular indicator may be formulated.</p>
<p><b><u>Opportunities:</u></b>          *possible lines of action for the development of the institution under review shall be identified;          *examples of opportunities: a favorable economic environment in the proximity of the assessed institution, the uniqueness of the study programs and their relevance to the local/national market, the overall attractiveness of the study programs etc.</p>	<p><b><u>Threats:</u></b>          *the possible causes of the deficient aspects (= the causes of the identified weaknesses), which are practically the threats to the proper functioning of the institution, shall be identified;          *besides, there may be external threats, such as: the inopportune economic environment in the proximity of the assessed institution, the</p>

	conduct of low attractiveness study programs for both candidates and the labor market etc.
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## V. Overview of judgments awarded and of the recommendations

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
1.	PI	<p><b>A.1.1.1.</b> The existence of specific regulations and their application at the level of the IOSUD, respectively at the Doctoral School(s):</p> <p>a) the internal regulations of the administrative structures (the institutional regulations for the organization and conduct of doctoral studies programs, the regulation(s) of Doctoral School(s);</p> <p>b) the Methodology for conducting elections at the level of the Council of University Doctoral Studies (CSUD), respectively at Doctoral School(s) including elections by the students of their representatives in CSUD/Council of the Doctoral School (CSD) and the evidence of their conduct;</p> <p>c) the Methodologies for organizing and conducting doctoral studies for the admission of doctoral students, for the completion of doctoral studies);</p> <p>d) the existence of mechanisms for recognizing the status of a Doctoral advisor and the equivalence of the doctoral degree obtained abroad;</p> <p>e) functional management structures CSUD/Council of the Doctoral School with evidence of the regularity of meetings;</p> <p>f) the contract for doctoral studies;</p> <p>g) internal procedures for the analysis and approval of proposals about doctoral study programs based on advanced academic studies.</p>	<b>fulfilled</b>	
2.	PI	<p><b>A.1.1.2.</b> The doctoral school' Regulation includes mandatory criteria, procedures and standards binding on the aspects specified in Article 17, paragraph (5) of the Government Decision No. 681/2011 on the approval of the Code of Doctoral Studies with subsequent amendments and additions.</p>	<b>fulfilled</b>	To evaluate the fulfillment of the set publication criteria by current supervisors

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
3.	PI *	<b>A.1.1.3.</b> Doctoral schools included in IOSUD are organized as disciplinary or interdisciplinary disciplines/thematic, according to Article 158, paragraph (7) of the Law of National Education No. 1/2011 with subsequent amendments and additions.	<b>fulfilled</b>	
4.	PI	<b>A.1.2.1.</b> The existence and effectiveness of an appropriate IT system to keep track of doctoral students and their academic background.	<b>fulfilled</b>	
5.	CPI	<b>A.1.2.2.</b> The existence and use of a software program and evidence of its use to verify the percentage of similarity in all doctoral theses.	<b>fulfilled</b>	
6.	PI	<b>A.2.1.1.</b> The IOSUD/the doctoral school(s) present proof of possessing or having rented adequate spaces for research activity specific to doctoral studies (laboratories, experimental fields, research stations etc.)	<b>fulfilled</b>	
7.	PI	<b>A.2.1.2.</b> The IOSUD/doctoral school(s) has/have collaboration agreements with higher education institutions, research institutes, research networks for joint partnerships and have access for using various research infrastructures; the offer for research services is presented publicly using a dedicated platform.	<b>fulfilled</b>	
8.	PI	<b>A.2.1.3.</b> The IOSUD/doctoral school(s) proves that it is/are concerned with permanent renewal of the research infrastructure to provide doctoral students access to up-dated research resources, by applying to various funding competitions and using own university resources for acquiring new research infrastructure.	<b>fulfilled</b>	
9.	PI *	<b>A.3.1.1.</b> The share of Doctoral advisors coordinating simultaneously more than 8 doctoral students but not more than 12 during their doctoral studies does not exceed 20%.	<b>fulfilled</b>	To increase the attractiveness of the position of the supervisor and thus increase the number of young supervisors or reduce the number of doctoral students depending on the number of supervisors

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
10.	CPI	<b>A.3.1.2.</b> At least 50% of all teaching/research staff involved in teaching/research activities related to training programs for advanced university studies or in individual research/art creation programs have a full-time employment contract for an indefinite period with the IOSUD.	<b>fulfilled</b>	
11.	PI *	<b>B.1.1.1.</b> Admission to doctoral study programs is based on selection criteria including: previous academic, research and professional performance, their interest for scientific or arts/sports research, publications in the domain and a proposal for a research subject. Interviewing the candidate is compulsory, as part of the admission procedure.	<b>fulfilled</b>	
12.	PI	<b>B.1.1.2.</b> The IOSUD/doctoral school(s) have a policy for stimulating enrollment of doctoral students coming from disadvantaged social environments, by allocating reserved positions in the admission procedure and/or granting special scholarships, as well as organising support programs to prevent drop-outs.	<b>fulfilled</b>	
13.	PI	<b>B.2.1.1.</b> The training program based on advanced academic studies includes at least 3 disciplines relevant to the scientific research training of doctoral students; at least one of these disciplines is intended to study in-depth the research methodology and/or the statistical data processing.	<b>fulfilled</b>	
14.	PI	<b>B.2.1.2.</b> At least one discipline is dedicated to Ethics and Intellectual Property in scientific research or there are well-defined topics on these subjects within a discipline taught in the doctoral program.	<b>fulfilled</b>	
15.	PI	<b>B.2.1.3.</b> The IOSUD has mechanisms to ensure that the academic training program based on advanced university studies addresses “the learning outcomes”, specifying the knowledge, skills, responsibility and autonomy that doctoral students should	<b>fulfilled</b>	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		acquire after completing each discipline or through the research activities.		
16.	PI	<p><b>B.3.1.1.</b> For the doctoral school there are in place mechanisms for valorification of the results of doctoral studies in accordance with the specificity of the particular domain (i.e. technological transfer, products, patents in the case of exact sciences; products and services for social sciences and humanities; festivals, contests, recitals, sports competitions; cultural-arts orders in the vocational domain; presentations ar national and international conerences, publication of research results in national and international publications, engaging doctroal students in writing research-development projects etc.)</p>	fulfilled	
17.	CPI	<p><b>B.4.1.1.</b> At the level of IOSUD, the percentage of theses non- validated, at the level of General Council of the National Council for Attestation of University Degrees, Diplomas and Certificates (CNADTCU), without the right of further amendments and re-organizing the process of public defending, is not exceeding 5% in the last 5 years.</p>	fulfilled	
18.	PI	<p><b>C.1.1.1.</b> The IOSUD shall demonstrate the continuous development of the evaluation process and its internal quality assurance following a procedure developed and applied at the level of the doctoral school(s), the following assessed criteria being mandatory:</p> <ul style="list-style-type: none"> <li>a) the scientific work of Doctoral advisors;</li> <li>b) the infrastructure and logistics necessary to carry out the research activity;</li> <li>c) the procedures and subsequent rules based on which doctoral studies are organized;</li> <li>d) the academic and social services (including participation to various events, publication of papers etc.) and counselling made available to doctoral students.</li> </ul>	fulfilled	<ul style="list-style-type: none"> <li>a) reduce the current number of quality indicators and use more effective quality assessment</li> <li>b) establish measurable criteria for the development of infrastructure quality and logistics necessary to carry out the research activities</li> </ul>
19.	PI	<p><b>C.1.1.2.</b> Students' associations and, according to the case, representatives of students organise elections in the community of doctoral students, for positions in the CSUD, by universal vote, direct and secret, all</p>	fulfilled	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		doctoral students having the right of electing or being elected.		
20.	PI	<b>C.1.1.3.</b> Students' associations and, according to the case, representatives of students organise elections in the community of doctoral students at the level of each doctoral school, for positions in the councils of doctoral schools, by universal vote, direct and secret, all doctoral students having the right of electing or being elected.	<b>fulfilled</b>	
21.	PI *	<b>C.1.1.4.</b> Following the internal evaluation, IOSUD and the doctoral schools draft strategies and policies aiming to eliminate the identified deficiencies and to stimulate scientific and academic performance of IOSUD.	<b>fulfilled</b>	
22.	CPI	<b>C.2.1.1.</b> The IOSUD publishes on the website of the organizing institution, in compliance with the general regulations on data protection, information such as: a) the IOSUD/Doctoral School regulation; b) the admission regulation; c) the doctoral studies contract; d) the study completion regulation including the procedure for the public presentation of the thesis; e) the content of the training study program based on advanced academic studies; f) the academic and scientific profile, thematic areas/research themes of the Doctoral advisors within the domain, as well as their institutional contact data; g) the list of doctoral students within the domain with necessary information (year of registration; Advisor); h) information on the standards for developing the doctoral thesis; i) information on the opportunities for doctoral students aiming to attend conferences, to publish articles, awarding scholarships etc. j) links to the doctoral theses's summaries to be publicly presented and the date, time, place where they will be presented; this information will be communicated at least twenty days before the presentation.	<b>fulfilled</b>	To improve the quality and scope of information on websites mainly in English version, focus on the following documents: f, g, h To pay attention to the harmonization of the structure and content of CVs of doctoral school officials and supervisors.

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
23.	CPI	<b>C.2.2.1.</b> All doctoral students have free access to one platform providing academic databases relevant to the doctoral studies domain of the their thesis.	<b>fulfilled</b>	
24.	PI	<b>C.2.2.2.</b> Each doctoral student shall have access, upon request, to an electronic system for verifying the degree of similarity with other existing scientific or artistic works.	<b>fulfilled</b>	
25.	PI	<b>C.2.2.3.</b> All doctoral students have access to scientific research laboratories or other facilities depending on the specific domain/domains within the Doctoral School, according to internal order procedures.	<b>fulfilled</b>	
26.	PI *	<b>C.3.1.1.</b> IOSUD, for every doctoral school, has concluded mobility agreements with universities abroad, with research institutes, with companies working in the field of study, aimed at the mobility of doctoral students and academic staff (e.g., ERASMUS agreements for the doctoral studies). At least 35% of the doctoral students have completed a training course abroad or other mobility forms such as attending international scientific conferences. IOSUD drafts and applies policies and measures aiming at increasing the number of doctoral students participating at mobility periods abroad, up to at least 20%, wich is the target at the level of the European Higher Education Area.	<b>fulfilled</b>	To determine a minimum length for the recognition of traineeships abroad. (for example: 3-4 days of participation in a conference is not, for example, the equivalent of Erasmus practice or participation in a military exercise.
27.	PI	<b>C.3.1.2.</b> IOSUD supports, including providing financial support, to the organization of doctoral studies in international co-tutelage or invitation of leading experts to deliver courses/lectures for doctoral students.	<b>fulfilled</b>	
28.	PI *	<b>C.3.1.3.</b> At least 10% of the doctoral theses of every doctoral schools of the IOSUD are drafted and/or submitted in an international foreign language or are organised in international co-tutelage.	<b>Fulfilled</b>	
29.	PI	<b>C.3.1.4.</b> The internationalization of activities carried out during the doctoral studies is supported by IOSUD through concrete measures (e.g., by participating in educational	<b>fulfilled</b>	



No.	Type of indicator (PI, PI +, CPI)	Performance indicator	Judgment	Recommendations
		fairs to attract international doctoral students; by including international experts in guidance committees or doctoral committees etc.).		
30.	PI	<p><b>C.4.1.1.</b> IOSUD, applies the current provisions regulating ethics, deontology/academic integrity, respectively to academic freedom and has developed:</p> <ul style="list-style-type: none"> <li>- policies based on prevention regarding possible violations of the Code of ethics and academic integrity, demonstrated by public postionings, studies, analyses or measures taken;</li> <li>- practices and mechanisms for preventing fraud, from an institutional perspective as well as from the perspective of the doctoral students;</li> <li>- practices for preventing possible fraud in academic activity, research or any other activity, including active measures for preventing and avoiding plagiarism of any kind, as well as promoting ethical and integrity/deontology principles or observing intellectual property norms, authors' rights and other related rights, among all members of the academic community;</li> <li>- administrative instruments which allow applying effective and eliminatory sanctions;</li> <li>- mechanisms and measures to assure equal opportunities and protection against intolerance and discrimination of any kind;</li> </ul> <p>IOSUD monitors and permanently evaluates these practices and can prove they are applied to all activities and engagement of students in all these processes, and the results of the monitoring is made public yearly or whenever it becomes necessary.</p>	<b>fulfilled</b>	
31.	PI	<p><b>C.4.1.2.</b> All intimations regarding suspicion of plagiarism related to doctoral theses have been analysed and resolved by the IOSUD within the time interval legally established for expressing in writing its position regarding the intimation received.</p>	<b>fulfilled</b>	
32.	PI	<p><b>C.4.1.3.</b> Annual Reports of the Ethics commission of the IOSUD contain information on the stage of solving each case of intimation</p>	<b>fulfilled</b>	

No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		or own-initiative intimation regarding violation of norms or ethical aspects relevant for university doctoral studies. description of the facts, the findings from the assessed institution's documents and the evaluation visit itself.		
33.	CPI	<b>C.4.1.4.</b> The measures taken by IOSUD after the final decision of CNADTCU to withdraw the title of "doctor" following accusations of plagiarism have addressed all the aspects mentioned in CNADTCU's decision and in the current legislation.	fulfilled	
34.	PI	<b>C.4.1.5.</b> The measures aiming to prevent academic fraud in the doctoral studies, taken by IOSUD, could be: a) Suspension of the right to advise newly enrolled doctoral students, for a period of 3 years, in the case of doctoral advisors having coordinated a doctoral thesis with a definitive decision of withdrawal of the "doctor" title for plagiarism; b) Exclusion from the IOSUD of the doctoral advisor having coordinated at least two doctoral theses with definitive decisions of withdrawal of the "doctor" title for plagiarism; c) Suspension of the right to organize the admission process of new doctoral students in the Doctoral studies domain, for a period of 2 years, if in the respective domain a doctoral thesis has been finalized and defended with a definitive decision of withdrawal of the "doctor" title for plagiarism.	fulfilled	
35.	PI *	<b>C.4.1.6.</b> The scientific reviewers members in the commissions for public defense of two or more doctoral theses with definitive decisions of withdrawal of the "doctor" title for plagiarism, have not been nominated in other commissions for public defence of doctoral theses for a period of at least 3 years.	fulfilled	
36.	PI	<b>C.4.1.7.</b> IOSUD has a database open to the public containing all the doctoral theses defended in the institution beginning at least in 2016 in a format including: the domain, author, doctoral advisor, title of the thesis and	fulfilled	The self-assessment report of the university does not have a link to such a database



No.	Type of indicator (PI, PI *, CPI)	Performance indicator	Judgment	Recommendations
		the thesis in electronic format (if there is an agreement of the author).		

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

*VERY IMPORTANT!!! – Each identified weakness must be correlated with at least one recommendation to improve the situation! No weakness can be identified without formulating at least one recommendation regarding the way it could be corrected!*

## **VI. Conclusions and general recommendations**

*Several important issues raised during the evaluation are resumed and some general conclusions are drawn on the quality of the education provided by the IOSUD under review; the Experts Panel also presents general assessments about the institution. Other general recommendation may also be presented, which cannot be related to a specific indicator and have not been presented at point V.*

*A decision is proposed, together with the reasons for granting it (if the Experts' Panel members do not reach a consensus, each of them can propose and argue his/her own decision).*

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## **VII. Annexes**

*The following types of documents shall be attached:*

- *The detailed schedule of the evaluation visit – MANDATORY.*
- *The survey questionnaire applied to doctoral students or academic staff affiliated to the IOSUD under review, the results - optional (e.g., in graphic form) and their interpretation - if applicable.*
- *Scanned documents – any document requested from the IOSUD during the evaluation visit and received, which is not found in the internal evaluation file received before the visit and referred to in the report.*
- *Pictures – if relevant issues are raised regarding the condition of the student residences, cafeterias, premises for teaching and learning activities, library etc.*
- *Screenshots/Print screens of the Doctoral School(s)/IOSUD website proving specific claims in the report, accompanied by the date when they were accessed and saved.*
- *Any other documents relevant to the evaluation process referred to in the report.*