

**„ALEXANDRU IOAN CUZA” UNIVERSITY, IASI**

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Registration no. UAIC

Registration no. ARACIS

To: ARACIS COUNCIL

In accordance with the legal provisions in force and based on the *Guide for the regular external evaluation of doctoral schools* and on the *Guide for the regular external evaluation of university doctoral studies domains*, respectively, "Alexandru Ioan Cuza" University's Council of Administration decided to request the initiation of regular external evaluation procedures for doctoral studies for the following doctoral schools and for the following doctoral study domains:

No.	Doctoral school	Doctoral study domains	Person in charge (name, surname, e-mail, telephone)	No. of doctoral thesis advisors/ domain
1.	Doctoral School of Economics and Business Administration	1. <i>Cybernetics and statistics</i>	Professor Mircea ASANDULUI, PhD habil. Mircea.asandului@uaic.ro , 0745 647232	4
		2.		
		3.		
		4.		
		5.		
		6.		
		...		

The CSUD (The Doctoral Studies Council) director is Professor Ionel Mangalagiu PhD, and the contact details are:

- Telephone: 0723 240075
- E-mail: ionelm@uaic.ro

We hereby acknowledge full awareness of the fees imposed by the *ARACIS Council Decision no. 2 of 28.01.2021 regarding approval of fees for doctoral studies' external evaluation*.

<https://www.aracis.ro/wp-content/uploads/2021/03/HC-2-28.01.2021.pdf>

**RECTOR,
LS**



*Doctoral School of Economics and
Business Administration*

Cybernetics and statistics

INTERNAL EVALUATION REPORT

Data provided to the ARACIS Department of Accreditation by:

Faculty:

FACULTY OF ECONOMICS AND BUSINESS ADMINISTRATION

Doctoral study domain:

Cybernetics and statistics

Contact person: *Professor Mircea ASANDULUI, PhD habil.*

E-mail: mircea.asandului@uaic.ro

Telephone: **0745-647232**

The data provided in the present Report are complete, accurate and in accordance with professional ethics.

Doctoral School Director,
Professor Adriana ZAIȚ, PhD

CSUD Director,
Professor Ionel MANGALAGIU, PhD

May 2021



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1. GENERAL INFORMATION

1.1. Presentation of the Doctoral School of Economics and Business Administration, "Alexandru Ioan Cuza" University, Iasi

1.1.1. SDEAA (Doctoral School of Economics and Business Administration) – General Information

"Alexandru Ioan Cuza" University of Iasi is the oldest higher education institution in Romania. Established on October 26, 1860 ([Annex 1](#)), shortly after the Romanian Principalities Union in 1859, the **Iasi University** marked the modern beginnings of national higher education. The first academic institution in the country, Iasi University became the core of intellectual forces from all Romanian provinces, thus enabling educational, cultural and scientific development at the national level. At present, "Alexandru Ioan Cuza" University of Iasi represents a strong academic community, which carries out its activities in university autonomy and academic democracy conditions.




"Alexandru Ioan Cuza" University IOSUD was established in May 2005 ([Annex 2](#)) by replacing IOD-UAIC, in accordance with legislation in force. In this context, on September 1st, 2005 the **Doctoral School of Economics and Business Administration** ([Annex 3](#)), was established although doctoral level education had been carried out for over three decades within the **Faculty of Economics and Business Administration**. At present, due to the 49 doctoral thesis advisors, 104 guidance commission members and 152 currently enrolled PhD students, SDEEA is an extremely active academic community. The PhD programs are supported by the effort and active involvement of professors and researchers within the four faculty departments: *Department of Accounting, Economic Informatics and Statistics, Department of Economics and International Relations, Department of Finance, Money and Public Administration, Department of Management, Marketing and Business Administration.*

1.1.2. SDEAA Structure

The Doctoral School of Economics and Business Administration is a separate department within the Faculty of Economics and Business Administration, with its own regulations and structure and comprises 9 doctoral study domains: *Cybernetics and Statistics, Accounting, Economics, International Economics and Business, Finance, Economic Informatics, Management, Marketing, and Administrative Sciences.*

SDEAA management is ensured by a Council (CSD), whose members are ([Annex 4](#)):
Director: Professor Adriana ZAIȚ, PhD, "Alexandru Ioan Cuza" University, Iasi





Members:

-  Professor Daniela AGHEORGHIESEI, PhD, "Alexandru Ioan Cuza" University, Iasi
-  Professor Mircea GEORGESCU, PhD, "Alexandru Ioan Cuza" University, Iasi
-  Professor Ovidiu STOICA, PhD, "Alexandru Ioan Cuza" University, Iasi



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-  Professor Elio BORGONOV, PhD, Bocconi University, Milan, Italy
-  Professor Lucian CROITORU, PhD, Bucharest University of Economic Studies
-  PhD student Aurelia ILIEȘ, "Alexandru Ioan Cuza" University, Iasi
-  PhD student Cristian TERZA, "Alexandru Ioan Cuza" University, Iasi

1.1.3. SDEAA Evolution

Since 2005, the Doctoral School of Economics and Business Administration has evolved at all levels (scientific, administrative, relational), particularly in terms of: strategic orientation, rich academic education offer (in terms of disciplines in the curriculum and teaching staff availability), high quality of guidance commissions' coordination and support, evaluation criteria for doctoral theses and PhD students' scientific evolution, relationship building with other research institutions and the economic environment.

A synthetic picture of the evolution of the number of PhD candidates and students is provided in the following table:

Tableno. 1.1. Available seats, applicants, PhD students enrolled within the Doctoral School of Economics and Business Administration (2011-2020)

Academic year	Available seats	Applicants	Enrolled PhD students
2011-2012	77 state budget, 35 paid tuition	69	51
2012 – 2013	55 state budget, 24 paid tuition	63	47
2013 – 2014	44 state budget, 25 paid tuition	42	36
2014-2015	31 state budget, 2 paid tuition	49	33
2015-2016	30 state budget, 5 paid tuition	38	32
2016-2017	26 state budget, 15 paid tuition	31	31
2017-2018	23 state budget, 15 paid tuition	47	39
2018-2019	25 state budget, 15 paid tuition	41	40
2019-2020	28 state budget, 15 paid tuition	44	42
2020-2021	25 state budget, 20 paid tuition	43	37



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The latest SDEAA self-evaluation reports and the summary of the SDEAA Council’s report provide further details on this evolution ([Annex 5](#)).

1.1.4. Research mission

The institutional **mission** of the Doctoral School of Economics is to provide a friendly and, at the same time, **rigorous research environment and to enable PhD students’ professional and intellectual development as well as to contribute to society’s evolution**.

SDEAA’s **vision is to become an advanced research landmark in the academia, as well as in the social and economic environment, doctoral education, research and dissemination of results**.

As for its research mission, SDEAA aims to support and develop high quality doctoral researches by adopting and covering two perspectives: **methodologically rigorous and socially relevant**. Therefore, if we refer to the **relevance-rigor matrix**, in its scientific research and results, SDEAA aims to conduct doctoral research within the ”pragmatic science” sphere.

Table no. 1.2. The relevance-rigor matrix of research

		Methodological rigor	
		<i>Low</i>	<i>High</i>
Practical relevance	<i>High</i>	Popularist Science	Pragmatic Science
	<i>Low</i>	Puerile Science	Pedantic Science

1.1.5. Quality Certification Level

The Doctoral School of Economics and Business Administration follows the principles stated in the *European Charter for Researchers* and the *Code of Conduct for the Recruitment of Researchers*. Since April 10, 2014, the ”Alexandru Ioan Cuza” University IOSUD holds the **HR Excellence in Research** quality certificate.

1.1.6. Specific measures on quality management and professional ethics promotion implemented at the Doctoral School level

Besides acting in line with the ”Alexandru Ioan Cuza” University IOSUD’s quality management methodology and internal regulations, the Doctoral School of Economics and Business Administration applies its own procedures aimed to improve the quality of the whole doctoral process, which include advice and counseling provided by the doctoral advisors’ General Assembly regarding regulations’ adjustments, feedback from PhD students as well as from SDEAA’s partners outside the University, etc.



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The SDEAA value system is founded on the "cardinal virtues", i.e.: *Prudence, Justice, Fortitude and Temperance* and on the research values in the *European Code of Conduct for Research Integrity*, acknowledged at the European level:

- ✚ *Reliability;*
- ✚ *Honesty;*
- ✚ *Respect;*
- ✚ *Accountability/Dependability.*

Besides the fact that SDEAA Regulations include special provisions on ethics ([Annex 6](#)), the Doctoral School of Economics and Business Administration has adopted and fully applies the authorship principles of the *Vancouver Convention of Joint Authorship* according to which a person is entitled to be co-author of an article only if he/she:

- ✚ has significantly contributed to article conception or design, to gathering, analyzing or interpreting the data in the article;
- ✚ has contributed to drafting or reviewing the article;
- ✚ has verified the final version of the article;
- ✚ has agreed to take on responsibility for all aspects related to the accuracy or integrity of the data provided in the article.

1.1.7. Human resources

There are currently 51 doctoral thesis advisors within the Doctoral School of Economics and Business Administration, activating in the following doctoral domains:

Table no. 1.3. Doctoral Thesis Advisors within SDEAA

No.	Doctoral Study Domain	Doctoral Thesis Advisor	E-mail
1.	<i>Cybernetics and Statistics</i>	Professor Dinu AIRINEI, PhD	adinu@uaic.ro
2.	<i>Cybernetics and Statistics</i>	Professor Ana GRAMA, PhD	agrama@uaic.ro
3.	<i>Cybernetics and Statistics</i>	Professor Anca Laura ASANDULUI, PhD	asand@uaic.ro
4.	<i>Cybernetics and Statistics</i>	Professor Mircea ASANDULUI, PhD habil.	mircea.asandului@uaic.ro
5.	<i>Cybernetics and Statistics</i>	Professor Dănuț-Vasile JEMNA, PhD habil.	danut.jemna@uaic.ro
6.	<i>Cybernetics and Statistics</i>	Professor Carmen Elena PINTILESCU, PhD	carmen.pintilescu@uaic.ro



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7.	<i>Accounting</i>	Professor Iuliana Eugenia GEORGESCU, PhD	iuliag@uaic.ro
8.	<i>Accounting</i>	Professor Emil HOROMNEA, PhD	ehoromnea@yahoo.com
9.	<i>Accounting</i>	Professor Marilena MIRONIUC, PhD	marilena@uaic.ro
10.	<i>Accounting</i>	Professor Ioan ANDONE, PhD	iandone@uaic.ro
11.	<i>Economics</i>	Professor Andreea-Oana IACOBUȚĂ-MIHĂIȚĂ, PhD habil.	andreea.iacobuta@uaic.ro
12.	<i>Economics</i>	Professor Ion IGNAT, PhD	ignation@uaic.ro
13.	<i>Economics</i>	Professor Laura MAXIM, PhD habil.	lauradiaconu_07@yahoo.com
14.	<i>Economics</i>	Professor Ion POHOAȚĂ, PhD	ionpohoata@yahoo.com
15.	<i>Economics</i>	Professor Constantin Cristian POPESCU, PhD habil.	popescu@uaic.ro
16.	<i>International Economics and Business</i>	Lecturer Adrian Vasile HORODNIC, PhD habil.	adi_horodnic@yahoo.com
17.	<i>International Economics and Business</i>	Professor Liviu-George MAHA, PhD habil.	mlg@uaic.ro
18.	<i>International Economics and Business</i>	Professor Gabriela Carmen PASCARIU, PhD	gcpas@uaic.ro
19.	<i>International Economics and Business</i>	Professor Spiridon PRALEA, PhD	pralea@uaic.ro
20.	<i>Finance</i>	Professor Alin Marius ANDRIEȘ, PhD habil.	alin.andries@uaic.ro
21.	<i>Finance</i>	Professor Sorin Gabriel ANTON, PhD habil.	sorin.anton@uaic.ro
22.	<i>Finance</i>	Professor Sebastian Bogdan CĂPRARU, PhD habil.	csb@uaic.ro
23.	<i>Finance</i>	Professor Vasile COCRIȘ, PhD	vcocris@uaic.ro
24.	<i>Finance</i>	Professor Mihaela ONOFREI, PhD	onofrei@uaic.ro
25.	<i>Finance</i>	Professor Ovidiu STOICA, PhD	ostoica@uaic.ro



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26.	<i>Economic Informatics</i>	Professor Forin DUMITRIU, PhD	fdumi@uaic.ro
27.	<i>Economic Informatics</i>	Professor Marin FOTACHE, PhD	fotache@uaic.ro
28.	<i>Economic Informatics</i>	Professor Mircea Radu GEORGESCU, PhD	mirceag@uaic.ro
29.	<i>Economic Informatics</i>	Lecturer Daniel HOMOCIANU, PhD habil.	daniel.homocianu@feaa.uaic.ro
30.	<i>Economic Informatics</i>	Professor Gabriela MEȘNITĂ, PhD	gabriela.mesnita@feaa.uaic.ro
31.	<i>Economic Informatics</i>	Lecturer Sabina-Cristina NECULA, PhD habil.	sabina.necula@uaic.ro
32.	<i>Economic Informatics</i>	Professor Dumitru OPREA, PhD	doprea@uaic.ro
33.	<i>Economic Informatics</i>	Professor Vasile-Daniel PĂVĂLOAIA, PhD habil.	danpav@uaic.ro
34.	<i>Economic Informatics</i>	Associate Professor Laura Diana RADU, PhD habil.	glaura@uaic.ro
35.	<i>Economic Informatics</i>	Professor Alexandru ȚUGUI, PhD	altug@uaic.ro
36.	<i>Management</i>	Professor Daniela Tatiana AGHEORGHIESEI, PhD habil.	dte@uaic.ro
37.	<i>Management</i>	Professor Maria Viorica BEDRULE GRIGORUȚĂ, PhD	maria.bedrulegrigoruta@uaic.ro
38.	<i>Management</i>	Professor Valentin NIȚĂ, PhD	valnit2003@gmail.com
39.	<i>Management</i>	Professor Adriana PRODAN, PhD	pada@uaic.ro
40.	<i>Management</i>	Professor Cristina Teodora ROMAN, PhD habil.	throman@uaic.ro
41.	<i>Management</i>	Professor Dumitru ZAIȚ, PhD	dzait@uaic.ro
42.	<i>Marketing</i>	Associate Professor Andreia Gabriela ANDREI, PhD habil.	andrei.andreia@gmail.com
43.	<i>Marketing</i>	Associate Professor Ioana Alexandra HORODNIC, PhD habil.	ioana.horodnic@uaic.ro
44.	<i>Marketing</i>	Professor Adriana MANOLICĂ, PhD habil.	manolica@uaic.ro
45.	<i>Marketing</i>	Professor Emil MAXIM, PhD	emaxim@uaic.ro



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46.	<i>Marketing</i>	Professor Ștefan PRUTIANU, PhD	pruti@uaic.ro
47.	<i>Marketing</i>	Professor Constantin SASU, PhD	csasu@uaic.ro
48.	<i>Marketing</i>	Professor Adriana ZAIȚ, PhD	azait@uaic.ro
49.	<i>Administrative Sciences</i>	Professor Ana Maria BERCU, PhD habil.	bercu@uaic.ro
50.	<i>Administrative Sciences</i>	Professor Florin OPREA, PhD habil.	foprea@uaic.ro
51.	<i>Administrative Sciences</i>	Professor Mihaela TOFAN, PhD habil.	mtofan@uaic.ro

Doctoral thesis advisors aged over 70 no longer coordinate new PhD students but focus on finalizing the projects they are involved in. When they began to coordinate doctoral theses, no procedure granting affiliation to the Doctoral School was in place and therefore, no procedure for “unaffiliation” was required. However, these advisors can always be consulted in order to capitalize their valuable research and didactic experience.

1.1.8. SDEAA Research infrastructure

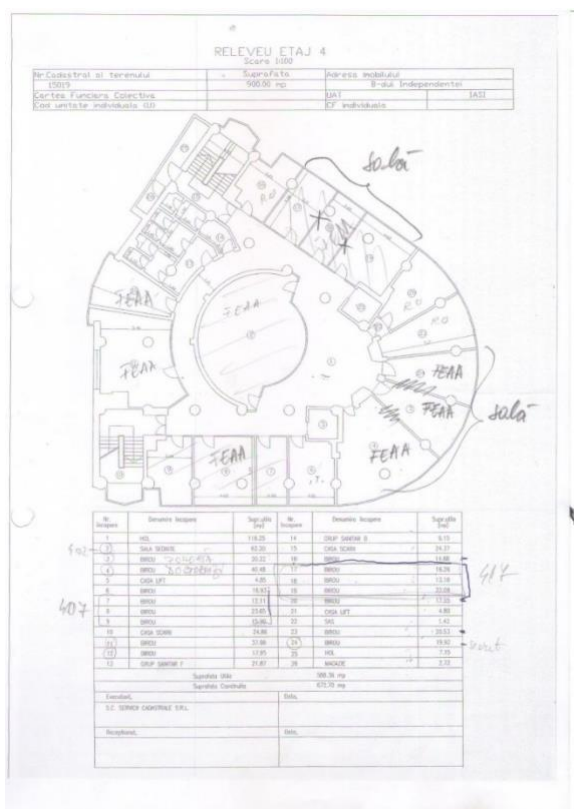
The Doctoral School of Economics and Business Administration headquarters is located in the R Building of “Alexandru Ioan Cuza” University of Iași, Alexandru Lapusneanu Street, no. 14. Here, PhD students can use offices/ individual study rooms which provide free access to 10 All-In-One Lenovo desktops, laptops and other devices. Also, the same building hosts (particularly in a 50 seat-room and in two lecture rooms) SDEAA activities, i.e. lectures, seminars, workshops, conferences, public debates and doctoral theses defenses. All rooms are provided with modern equipment: *smart table*, laptops, sound systems, internet etc.





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Room R411, i.e. PhD students' individual study room, was turned into a mini-library which adds to the other 2 main libraries of the Faculty.

The Library of the Faculty of Economics and Business Administration is located on Carol I Blv, No. 22A, B Building, 1st Floor, Room B401 and was founded in 2002 when the Faculty marked 40 years of existence. Nevertheless, the BCU's (University Central Library) Economic Sciences branch had functioned in the C Building since 1964 (due to the major contribution of great professors in the field) but its constant development in terms of number of students, sections, specializations, education forms, etc. required the establishment of a separate entity, able to concentrate specialized book funds in the main building of the Faculty of Economics and Business Administration. Due to the fact that the Faculty of Economics and Business Administration has its own library space, its architecture has become user-friendly, i.e. users do not waste any time, they can look for information on their own, independently (due to free access to book shelves), they can download and copy all necessary material.

FEAA (Faculty of Economics and Business Administration) library is specialized in economics but, given the numerous disciplines it relates to, it also gathers publications in socio-politics, history, geography, as well as a generous number of reference works (encyclopaediae, dictionaries, monographies, legislation). The collections comprise approximately 25.000 volumes (books and Romanian and foreign serial publications), subscriptions to paperback Romanian and foreign periodicals, to online documents, audio-visual documents, and Database subscriptions (InfoTrac-Custom Journals; Britannica on-line and Universalis on-line). In terms of logistics, the Library provides access to 100 computers, 3 photocopiers, 3 printers, an e-mail server, video supervision system, fire hazards and security systems, digital access and an anti-theft electronic system for each volume. Internet access is ensured by the University network and is; the Server Department of FEAA is in charge with e-security. The Data Base Department has created a library-specific software used to process publications, which includes an online catalogue and a search engine.

Data on FEAA's libraries' capacity:

FEAA Library, B Building, 1st Floor: surface: 640 square metres, 240 seats;



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-  FEAA Library, C Building, 3rd Floor: surface: 547 square metres, 165 seats;
-  Book fund: 24.663 titles, 62.027 volumes (books and periodicals).

Table no. 1.4. Distribution of FEAA library volumes according to domains

No.	Domain	Volumes
1.	ADMINISTRATIVE SCIENCES	282
2.	ECONOMICS	844
3.	BUSINESS ADMINISTRATION	954
4.	FINANCE	86
5.	CYBERNETICS, STATISTICS AND ECONOMIC INFORMATICS	2005
6.	ACCOUNTING	2946
7.	INTERNATIONAL ECONOMIC RELATIONS	2365
8.	MANAGEMENT	5500
9.	MARKETING	2910
TOTAL		17892

Table no. 1.5. Distribution of FEAA library audio-video educational materials according to domains

No.	Domain	Items
1.	ADMINISTRATIVE SCIENCES	107
2.	ECONOMICS	126
3.	BUSINESS ADMINISTRATION	125
4.	FINANCE	109
5.	CYBERNETICS, STATISTICS AND ECONOMIC INFORMATICS	91
6.	ACCOUNTING	166
7.	INTERNATIONAL ECONOMIC RELATIONS	100
8.	MANAGEMENT	118
9.	MARKETING	130
TOTAL		1072

To the above educational resources, we may add the online databases, to which SDEAA community has subscription-based access granted through the project **ANELIS PLUS 2020 – Acces Național Electronic la Literatura Științifică pentru Susținerea Sistemului de Cercetare și Educație din România (National electronic access to scientific literature to support the**



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educational and research system in Romania) (co-funded by the Regional Development European Fund through the Competitiveness Operational Program 2014-2020).

The **general objective** of the **ANELIS PLUS 2020** project is *to increase Romania's CDI capacity in health and intelligent specializations domains*. Its aim is thus fully achieved. The project contributes to increasing Romanian research environment's involvement in international specialized research networks which are highly relevant for the further development of science and technology and which will, at the same time, contribute to enhancing the necessary informational infrastructure to support complex research projects. Moreover, the project contributes significantly to intensifying Romanian participation in European Union level research due to its objectives and expected results which will increase Romanian research visibility and will facilitate networking with international research structures.

Therefore, "Alexandru Ioan Cuza University" of Iasi is subscribed to: *Science Direct Freedom Collection, Scopus, SciFinder (CAS), MathSciNet*. SDEAA community also has access to the resources provided by the BCU ("Mihai Eminescu" University Central Library, Iasi) subscriptions:

1. Databases/platforms fulltext



[SpringerLink Journals](#)



[ProQuest Central](#)



[Emerald Journals](#)



Science Journals
[AAAS](#)



Science Direct - Journals
[Freedom Collection](#)



Thomson Reuters
[Web of Knowledge](#)
[\(WoS, JCR, DII\)](#)



[American Institute of Physics Journals](#)



[American Physical Society Journals](#)



[Oxford Journals](#)



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[SAGE Journals HHS Collection](#)



[EBSCO Academic Search Complete](#)



[EBSCO Business Source Complete](#)



[IEEE All - Society Periodicals Package \(ASPP Online\)](#)



[SCOPUS](#)

Wiley Online Library

[Wiley Journals](#)



[MatSciNet](#)



[Taylor & Francis Journals](#)



[Reaxys](#)



[American Chemical Society Journals](#)

IOP Institute of Physics

[Institute of Physics Journals](#)



[Cambridge Journals](#)



[CAB Abstracts](#)



[SIAM Journals](#)

Legis

[Legis](#)

2. Bibliographic and bibliometric databases



THOMSON REUTERS

[Web of Science](#)



THOMSON REUTERS

[Journal Citation Report](#)



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THOMSON REUTERS

[Derwent Innovation Index](#)



ELSEVIER

[SCOPUS](#)

Table no. 1.6. Main foreign publications - FEAA Library subscriptions

No.	Title	Quota
1.	<i>ACM Transaction on information systems</i>	Y -18
2.	<i>ACM Transaction on software engineering</i>	Y - 19
3.	<i>Agricultural economics</i>	Y - 20
4.	<i>Alternatives economiques</i>	Y-118
5.	<i>Austrian economic newsletter</i>	Y- 59
6.	<i>Business Forecast Report</i>	Y- 53
7.	<i>Business week</i>	Y -12
8.	<i>Communication of the ACM</i>	Y - 21
9.	<i>Computer business review</i>	Y 22
10.	<i>Contemporary economic policy</i>	Y-58
11.	<i>E -FINANCE</i>	Y-66
12.	<i>Economic development and cultural change</i>	Y - 23
13.	<i>Economics of transition</i>	Y - 24
14.	<i>Economie Regionale & Urbaine</i>	Y-141
15.	<i>Enterprise and society</i>	Y - 25
16.	<i>European journal of information systems</i>	Y - 26
17.	<i>European law review</i>	Y - 27
18.	<i>European review of agriculture economics</i>	Y - 28
19.	<i>Financial Times</i>	Z - 21
20.	<i>Foreign affairs</i>	Y - 30
21.	<i>Free Market</i>	Y - 56
22.	<i>Futuribles</i>	X- 37
23.	<i>Go4it</i>	Y-131
24.	<i>Harvard business review</i>	Y - 31
25.	<i>Information & Management</i>	Y -112
26.	<i>Information society</i>	Y - 32
27.	<i>Inside Knowledge</i>	Y-128
28.	<i>International Herald Tribune</i>	Z - 22
29.	<i>International journal of public and private law</i>	Y - 34



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No.	Title	Quota
30.	<i>International review of administrative sciences</i>	Y - 35
31.	<i>Journal of Economic literature</i>	Y - 36
32.	<i>Journal of Economic perspective</i>	Y - 38
33.	<i>Journal of financial economics</i>	Y - 14
34.	<i>Journal of international economic law</i>	Y - 40
35.	<i>Journal of international marketing</i>	Y - 10
36.	<i>Journal of international trade and economic</i>	Y - 41
37.	<i>Journal of law economics and organization</i>	Y - 42
38.	<i>Journal of libertarian study</i>	Y - 29
39.	<i>Journal of management education</i>	X -3
40.	<i>Journal of Management Information System</i>	Y - 57
41.	<i>Journal of marketing</i>	Y - 13
42.	<i>Knowledge Management</i>	Y-133
43.	<i>Le nouvel economiste</i>	Z-23
44.	<i>L'Entreprise</i>	Y - 109
45.	<i>Management learning</i>	Y - 104
46.	<i>Membership package</i>	Y - 45
47.	<i>MiS Quarterly</i>	Y - 105
48.	<i>Misses memo</i>	X - 1
49.	<i>OEconomica</i>	Y-125-126
50.	<i>Oxford economic papers</i>	Y - 43
51.	<i>Oxford review of economic policy</i>	Y - 44
52.	<i>PC MAGAZINE Boulder</i>	Y - 103
53.	<i>Problemes economiques</i>	Y -46
54.	<i>Quarterly journal of Austrian economics</i>	Y - 47
55.	<i>Review of financial economics</i>	Y - 48
56.	<i>Review of financial study</i>	Y - 49
57.	<i>Revue de philosophy economique</i>	Y - 50
58.	<i>Revue d'economie politique</i>	X - 34
59.	<i>Revue francaise de gestion</i>	X-40
60.	<i>Romanian Economic Observer</i>	X-38
61.	<i>Romanian Journal of European Affairs</i>	Y- 54
62.	<i>The American economic review</i>	Y - 37
63.	<i>The Economist</i>	Y - 6
64.	<i>The Journal of Libertarian Studies</i>	Y-135



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No.	Title	Quota
65.	<i>The Quarterly Journal of Economics</i>	Y-123
66.	<i>The Wall Street Journal</i>	Z-12
67.	<i>The World Economy</i>	Y - 106
68.	<i>Theoretical and applied Economics - Economie teoreticăși aplicată</i>	Y-8
69.	<i>Time</i>	Y - 117
70.	<i>World Bank economic review</i>	Y - 51
71.	<i>World Bank research observer</i>	Y-139
72.	<i>World economic outlook</i>	Y - 55



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Table no. 1.7. Main Romanian publications – FEAA Library subscriptions

No.	Title	Quota
1.	<i>Adevărul economic</i>	Z-13
2.	<i>Agricultura României</i>	Z-16
3.	<i>Anale Științe economice</i>	X-14 _ X-33
4.	<i>Analele Institutului Național de Cercetări Economice</i>	X-12; X-13
5.	<i>Anuarul de Comerț Exterior al României</i>	Y - 81
6.	<i>Anuarul Institutului 'Gh. Zane'</i>	Y-124
7.	<i>Anuarul Statistic</i>	Y-1, Y-2
8.	<i>Asigurarea calității</i>	Y - 117
9.	<i>Audit financiar</i>	Y-9
10.	<i>Banii noștri</i>	Z-19
11.	<i>Bilanț</i>	Y- 15
12.	<i>BIZ</i>	Y-63
13.	<i>Buletin economic legislativ</i>	X-6
14.	<i>Buletin statistic de comerț exterior</i>	Y - 108
15.	<i>Buletin statistic de industrie</i>	Y-76
16.	<i>Buletin statistic de preturi</i>	Y-136
17.	<i>Buletin statistic lunar</i>	Y-75
18.	<i>Bursa</i>	Z-5
19.	<i>Bursa - Societăți listate de Bursa de Valori București</i>	Y - 116
20.	<i>Bursa IT</i>	Y - 115
21.	<i>Business magazin</i>	Y- 119
22.	<i>Calitatea</i>	Y-134
23.	<i>Capital</i>	Z-9
24.	<i>Cariere</i>	Y-120
25.	<i>CHIP</i>	Y - 107
26.	<i>Contabilitatea, expertiza si auditul afacerilor</i>	Y - 77
27.	<i>Control Economic si Financiar</i>	Y-64
28.	<i>Conturile Naționale</i>	Y-114
29.	<i>Curentul</i>	Z-6
30.	<i>Curier legislativ</i>	X-9
31.	<i>Curierul fiscal</i>	Y-17
32.	<i>Design</i>	Y-130
33.	<i>Drept Comunitar</i>	X - 36
34.	<i>Economie si Administrație Locala</i>	Y-65



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No.	Title	Quota
35.	<i>Economie teoretica si aplicata</i>	Y- 54
36.	<i>Economistul</i>	Z-7
37.	<i>Euroconsultanta</i>	Y-137
38.	<i>Finanțe, Bănci, Asigurări</i>	Y-70
39.	<i>Gestiunea si contabilitatea firmei</i>	Y-61
40.	<i>Ghid Juridic</i>	Y-71
41.	<i>Idei de afaceri</i>	Y-7
42.	<i>Impozite si taxe</i>	Y-80
43.	<i>Inventica si economie</i>	Y-72
44.	<i>Jurnalul Afacerilor</i>	Y-67
45.	<i>Legislația României</i>	X-11
46.	<i>Magazin internațional</i>	Z - 20
47.	<i>Magazin istoric</i>	X-7
48.	<i>Management</i>	Y- 74
49.	<i>Money</i>	Y- 15
50.	<i>Monitorul Oficial</i>	Y-3
51.	<i>Net Report</i>	Y-9
52.	<i>PC Magazine</i>	Y-8
53.	<i>PC World</i>	Y-62
54.	<i>Piața Financiara</i>	Y- 39
55.	<i>Probleme economice</i>	X-5
56.	<i>Raporturi de munca</i>	Y-60
57.	<i>Revista 22</i>	Z-2
58.	<i>Revista de comerț</i>	Y-69
59.	<i>Revista de drept al afacerilor</i>	X-41
60.	<i>Revista de drept comercial</i>	Y - 79
61.	<i>Revista Finanțe Publice si Contabilitate</i>	Y - 52
62.	<i>Revista IMM</i>	Y-68
63.	<i>Revista romana de dreptul muncii</i>	X-42
64.	<i>Revista romana de economie</i>	X-39
65.	<i>Revista Romana de Marketing</i>	Y-140
66.	<i>Revista Romana de Statistica</i>	X-8
67.	<i>România in cifre</i>	X-43
68.	<i>Săptămâna financiară</i>	Z-24
69.	<i>Starea economica si sociala</i>	Y-138



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No.	Title	Quota
70.	<i>Studii de conjunctura economica</i>	Y-78
71.	<i>Studii si cercetări economice</i>	X-2
72.	<i>Suplimente Capital</i>	Y - 16
73.	<i>Suplimente Ziarul Financiar</i>	Y - 33
74.	<i>Target (Supliment Ziarul Financiar)</i>	Y-127
75.	<i>Tribuna economica</i>	Y-11
76.	<i>Tribuna învățământului</i>	Z-17
77.	<i>Universul afacerilor</i>	Z-18
78.	<i>Ziarul Financiar</i>	Z-8

The Faculty provides doctoral advisors and PhD students full support for research and mobility in order to ensure their professional development. The annual budget allocated for these activities is between 3% and 5% of SDEAA's revenue and fees. According with regulations in force and with the IOSUD-UAIC payment policy, payroll is performed on an hourly basis. The Doctoral School of Economics and Business Administration provides secretariat and technical support services to ensure the appropriate functioning of doctoral and habilitation activities.

1.1.9. Educational efficiency at SDEAA level

SDEAA's students' educational path is carefully guided by the staff involved in teaching activities during the first semester, the Secretariat and by the FEAA Database Department. The whole schooling process is managed through *eSims*, which is used to register all doctoral studies-related data, from admission, to results achieved during advanced university studies and individual research programs, and to doctoral thesis public defense, as well as information on the coordinator, guidance commission members, title of thesis, etc.

In reaching its objectives, the Doctoral School of Economics and Business Administration aims to go through some essential educational stages:

- providing advanced university studies able to widen PhD students' economic culture ; we approach this aim by relying on two major dimensions of the life long learning process:
 - theoretical and methodological (of science and scientific research);
 - pragmatic – with a stress on the practical aspects of economic sciences, in various forms: management, marketing, finance, accounting, economic informatics, statistics, international economic relations, etc.
- instructing and familiarizing PhD students on holding presentations and producing academic writing on highly interesting theoretical and practical topics; consequently, all lectures, seminars, scientific presentations, and progress reports analyses are devised and subordinated to this purpose.



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- initiation and extension of cooperation with other doctoral schools in Romania and abroad in terms of:
 - doctoral management know-how;
 - scientific information;
 - publications;
 - organization of scientific sessions, workshops, symposiums, etc. to disseminate and capitalize on activities performed;
 - encouraging experience exchange and cooperation through experts' mobilities and visits;
 - national and international co-trustee;
 - logistics, etc.
- improvement of Romanian economic research quality by promoting highly interesting and relevant topics as well as by employing highly motivated, genuinely talented young researchers, with a proven record of success in the field.

The doctoral process also requires constant participation in scientific events so as to ensure that PhD students, advisors and guidance commissions' members receive feedback and disseminate their own research results. Through FEAA, SDEAA supports this process by organizing a number of such events and conferences, among which we may mention:

Table no. 1.8. Scientific events organized by FEAA between 2013-2020 which advisors, PhD students and guidance commissions' members participated in

Name of event	Period	Venue	Type of event	Classification of event according to participation	Link to event site
EURINT 2020 EU and its neighbourhood: enhancing EU actorness in the eastern borderlands	15-17 November 2020	Iasi	Conference	International	https://eurint.uaic.ro/
Globalization and higher education in economics and business administration – GEBA 2020	22-23 October 2020	Iasi	Conference	International	http://www.feaa.uaic.ro/geba/
International Conference Sustainable education through European studies for young researchers (SESYR)	14 -15 July 2020	Iasi	Conference	International	http://sesyr.feaa.uaic.ro/news/Documents/Booklet_Poster%20session%20and%20international%20conference.pdf
International Conference “European Finance, Business and Regulation” - EUFIRE 2020	15 May 2020	Iasi	Conference	International	http://eufire.uaic.ro/
Globalization and higher education in economics and business administration – GEBA 2019	17-20 October 2019	Iasi	Conference	International	http://www.feaa.uaic.ro/geba/
<i>International Conference Policy measures for tackling undeclared work</i> (componenta a proiectului H2020-	6 June 2019	Iasi	Conference	International	https://www.uaic.ro/noutati_cercetare/conf/erinta-protect-shadowstackling-



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Name of event	Period	Venue	Type of event	Classification of event according to participation	Link to event site
MSCA-IF-2016 - Shadows: Tackling Undeclared Work in the European Union)					undeclared-work-in-the-european-union
EURINT 2019 European Union's structural challenges: the way forward	17-18 May 2019	Iasi	Conference	International	https://eurint.uaic.ro/
International Conference "EU Financial Regulation"	17 mai 2019	Iasi	Conference	International	http://eufire.uaic.ro/
Workshop „Practici de management al proiectelor europene, antreprenoriat și angajare”, organizat în cadrul proiectului SESYR,	22 November 2018	Iasi	Workshop	International	http://sesyr.feaa.uaic.ro/
Why to apply for a Marie Skłodowska-Curie Fellowship?	23 October 2018	Iasi	Seminar	International	https://www.facebook.com/permalink.php?story_fbid=1198814796937456&id=920212361464369&tn__=R
Masa rotundă „Managementul proiectelor europene. Antreprenoriatul și ocuparea forței de muncă în UE. Etica și integritatea în educația doctorală europeană”.	8 June 2018	Iasi	Round Table	International	http://sesyr.feaa.uaic.ro/news/Documents/program_Masa%20Rotunda.pdf
EURINT 2018 Reflecting on Europe's (dis)order: scenarios for the EU's future	18-19 May 2018	Iasi	Conference	International	https://eurint.uaic.ro/
Conferința Științifică Anuală a Economistilor Români din Mediul Academic din Străinătate (ERMAS 2018)	25-27 July 2018	Iasi	Conference	International	http://www.feaa.uaic.ro/ermas2018/
Conferința Internațională Globalization and Higher Education in Economics and Business Administration (GEBA 2017)	19-22 October 2017	Iasi	Conference	International	http://www.feaa.uaic.ro/geba/
European Union at crossroads: building resilience in times of change will be joined by the European Union Institute for Security Studies (EUISS).	19-20 May 2017	Iasi	Conference	International	http://cse.uaic.ro/eurint/index.htm
International Workshop "Governance and Risk of Financial institutions"	6 June 2016	Iasi (SDEAA)	Workshop	International	https://sites.google.com/site/projectbrifis/activities
Impozitele și performanța întreprinderii	7 October 2016	Iasi, Center for Research in Finance	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Interaction Effects of Monetary Policy and Macropprudential Regulation: Evidence from Central and Eastern Europe	28 October 2016	Iasi, Center for Research in Finance	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Impozitele și performanța întreprinderii	7 October 2016	Iasi, Center for Research in Finance	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Deductibilitatea TVA în viziunea recentă a instanțelor românești	4 November 2016	Iasi, Center for Research in Finance	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139

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Name of event	Period	Venue	Type of event	Classification of event according to participation	Link to event site
Credit Booms and Busts in Emerging Markets: The Role of Bank Governance and Risk Management	8 December 2016	Iasi, Center for Research in Finance	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Institutional environment and corporate financing in CEE countries	18 November 2016	Iasi, Center for Research in Finance	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Quantifying the level of fiscal integration: a EU case study	16 December 2016	Iasi, Center for Research in Finance	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Globalization and Higher Education in Economics and Business Administration (GEBA 2016)	20-26 October 2016	Iasi	Congress	International	http://www.feaa.uaic.ro/geba/2015
Program intensiv în managementul riscului bancar în cadrul parteneriatului strategic Erasmus+ INTQUANT (www.quantitativefinance.eu)	10-23 July 2016	”Alexandru Ioan Cuza” University of Iasi	Summer School	International	http://360.uaic.ro/blog/2016/07/25/intquant-primul-program-intensiv-in-managementul-riscului-bancar/
The Eastern Partnership under strain – time for a rethinking? (EURINT 2016)	20-21 May 2016	Iasi, CSE	Conference	International	http://cse.uaic.ro/eurint/eurint2016.htm
European Regional Competitiveness and Human Resource Development	13 June - 1 July 2016	FEAA	Summer School	International	http://eurcomp.feaa.uaic.ro/
Functia și functionarul public european	11 July - 22 July 2016	FEAA	Summer School	International	
Conferința științifică internațională	27-28 November 2015	Chisinau	Conference	International	
Conferința ADR Teach for future	May 2016	Iasi	Conference	National with international participation	
Reuniune delegație UAIC_ADR_Olanda,	18 March 2016	Iasi	Other	National with international participation	
2016 International Conference on Non-Bank Finance, Autoritatea de Supraveghere Financiară București	2-3 June, 2016	Bucharest	Conference	National with international participation	www.asfconference.ro
Annual Conference of the LSP unit, Intercultural Communication: Global Challenges, Practices and Forms of Expression	13-14 May 2016	FEAA	Conference	National with international participation	http://www.feaa.uaic.ro/ro/main/category/104
9th Annual Conference of the LSP Unit, Intercultural Communication: Global Challenges, Practices and Forms of Expression	13-14 May 2016	FEAA, Iasi	Conference	National with international participation	http://www.feaa.uaic.ro/ro/main/category/104
Second International Conference of Development and Economy	9-12 June 2016	Salonic, Greece	Exhibition of research results and inventions	International	http://www.icodecon.com/



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Name of event	Period	Venue	Type of event	Classification of event according to participation	Link to event site
International Workshop "Governance and Risk of Financial institutions"	6 June 2016	Iasi	Workshop	International	https://sites.google.com/site/projectbrifis/activities
Toposforschung im Lichte der Utopie (Paul Celan). Literarische Erörterungen in/aus Mitteleuropa - DAAD-Alumni-Netzwerk-Tagung (Konstanz - Iasi)	20 - 25 September	Iasi	Conference	International	http://germanistik.uaic.ro/index.php/colocv-iu-konstanz-iasi/
EURINT 2016	21-22 May 2016	Iasi	Conference	International	http://cse.uaic.ro/eurint/index_html_files/EURINT_Programme_2016_web.pdf
Seminar Building resilience in the EU's neighbourhood countries. New approaches for a more effective Eastern Partnership	20 May 2016	Iasi	Seminar	International	http://cse.uaic.ro/arhiva.htm
Concursul de eseuri Visul meu european & Sesiunea de comunicări științifice studentești	13-14 May 2016	Iasi	Seminar	Local	http://cse.uaic.ro/arhiva.htm
TAG-EU OPEN DOOR CONFERENCE	13 June 2016	Iasi, Alexandru Ioan Cuza University, R Building, Room 401	Conference	Local	http://tag-eu.uaic.ro/index.php/events/open-door-conference/
The importance of the environment in providing public goods - A particular focus on the N-E part of Romania	26 February 2016	Iasi, Alexandru Ioan Cuza University, R Building, Room 407	Workshop	Regional	http://tag-eu.uaic.ro/wp-content/uploads/2016/11/green-workshop-2015.jpg

By participating since their first year of study within SDEAA in the conferences organized at the Faculty (FEAA) and University (UAIC) level, (either by presenting a paper or simply by attending), PhD students get the opportunity to discuss and receive useful feedback on their doctoral research as well as to compare their own research efforts with those of senior researchers. Doctoral research visibility is also achieved by participating in the 3MT competition organized within *Coimbra Group* as well as by publishing papers (co-authored by doctoral advisors and/ or by guidance commissions' members) in indexed journals.



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1.2. Presentation of the ”Cybernetics and statistics” doctoral study domain

1.2.1. Objectives

The specific objectives of the **CYBERNETICS AND STATISTICS doctoral study domain** are within the general objectives of the Doctoral School of Economics and Business Administration:

1. To provide advanced knowledge on the newest concepts and theories in the field of Cybernetics and statistics
2. To enable PhD students to acquire advanced research and doctoral research results dissemination skills
3. To stimulate multi- and inter-disciplinary intellectual debate and communication
4. To promote the integrity and responsibility principles in academic research
5. To promote diversity, cooperation and non-discrimination principles

1.2.2. Mission

The mission adopted by the members of the Doctoral School of Economics and Business Administration in the Cybernetics and statistics doctoral study domain is subordinated to that of SDEAA, i.e. *to provide a rigorous and supportive research environment enabling PhD students’ professional and intellectual development and to contribute the overall progress of society.*

Our vision is to become an advanced research landmark in the field of Cybernetics and statistics for the social, economic and academic environment by offering high quality university education, at the doctoral level, as well, through the knowledge and values conveyed to and the abilities thus acquired by our students; these will further contribute to our graduates’ personal and professional development as well as to the economic, social and philosophical progress of the institutions, structures and entities that they will work for in the future.

1.2.3. Curriculum

The SDEAA curriculum, including the one of the Cybernetics and statistics doctoral study domain, is posted on the Doctoral School site (Portal), in the Documents section: <http://doctorat.feaa.uaic.ro/documente>. It includes 4 compulsory disciplines and a list of optional disciplines, out of which PhD students have to choose between 2 and 4 (so as to complete the required number of credits) depending on their specialization ([Annex 7](#)).

Compulsory disciplines:

1. Scientific Research Methodology (with 3 distinct modules):

Epistemology

Scientific Research Methodology



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Academic writing I

2. Research and Analysis Methods for Qualitative Data
3. Research and Analysis Methods for Quantitative Data
4. Academic ethics and integrity

Optional disciplines (modules in the 12 disciplines list below, total number of hours - 60):

1. *Technology and society in economy* (20 hours)
2. *Doctoral research sustainability* (20 hours)
3. *Categorical data analysis* (10 hours)
4. *Current research trends in accounting and financial analysis* (30 hours)
5. *Empirical banking* (20 hours)
6. *Banking economics* (20 hours)
7. *Advanced research in finance* (30 hours)
8. *Academic writing II* – specific elements for various doctoral study domains (30 hours)
9. *Doctoral research in management și marketing – quantitative branch* (30 hours)
10. *Doctoral research management și marketing – qualitative branch* (30 hours)
11. Independent modules: netnographic, social-media and new-media research (6 hours); *evidence based research* in social sciences (8 hours); branding, image, reputation, *relationship management* (6 hours); latent processes and variables in social researches (8 hours); PLS and SEM in economics and social sciences research (6 + 6 hours).
12. *EAI (International Economics and Business) advanced research* (30 ore)

1.2.4. Doctoral advisors

There are currently 4 doctoral advisors in the Cybernetics and statistics doctoral study domain within the Doctoral School of Economics and Business Administration:

Table no. 1.9. Doctoral thesis advisors in Cybernetics and statistics

No.	Doctoral Thesis Advisor	O.M. Authorization/ Habilitation Decision	CNATDCU Minimal Standards Met	Email
1	Professor Laura Asandului, PhD	4697/14.08.2009 (Annex 8)	YES (Annex 12)	asand@uaic.ro
2	Professor Mircea Asandului, PhD	3843/04.06.2018 (Annex 10)	YES (Annex 13)	mircea.asandului@uaic.ro



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3	Professor Dănuț Vasile Jemna, PhD	5191/28.09.2017 (Annex 9)	YES (Annex 14)	danut.jemna@uaic.ro
4	Professor Elena Carmen Pintilescu, PhD	4697/14.08.2009 (Annex 8)	YES (Annex 15)	carmen.pintilescu@uaic.ro

In the period under evaluation four others persons, namely Professor Elisabeta Jaba, Professor Dinu Airinei, Professor Dumitru Oprea and Professor Ana Grama, also performed advisory activities in Cybernetics and statistics; at the time being they are retired and do not coordinate any PhD students.

1.2.5. Evolution of number of PhD students in the last 5 years

1.2.5.1. Doctoral study program admission within SDEAA

The admission contest is organized at the Doctoral School of Economics and Business Administration level, according to doctoral study domains; the number of seats for each domain is decided based on doctoral advisors' and students' performance as well as on each domain's popularity among potential candidates.

Table no. 1.10. SDEAA admission contest – total available seats (MEC scholarships, UAIC scholarship and state buget – no scholarship)

		<i>MG</i>	<i>MK</i>	<i>ST</i>	<i>EC</i>	EAI	<i>IE</i>	<i>F</i>	<i>C</i>	TOTAL
MEC Scholarships	2016-2017	0	0	1	2	1	1	3	2	10
	2017-2018	1	1	1	1	1	1	2	1	9
	2018-2019	1	1	1	1	2	0	2	1	9
	2019-2020	2	1	2	1	1	1	2	1	11
	2020-2021	2	1	2	1	1	0	3	1	11
UAIC Scholarships	2016-2017	1	1	1	1	1	0	1	2	8
	2017-2018	1	1	0	2	2	1	0	1	8
	2018-2019	2	3	1	1	1	0	2	1	11
	2019-2020	2	2	0	0	0	1	3	2	10
	2020-2021	2	2	0	2	0	0	1	1	8
State Budget	2016-2017	0	0	0	2	0	0	1	3	6
	2017-2018	2	0	0	2	0	3	1	3	11
	2018-2019	3	1	1	0	3	0	1	1	10
	2019-2020	2	0	0	0	0	1	0	2	5
	2020-2021	1	0	0	0	1	3	2	2	9



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The overall analysis of the candidates who applied for a seat and of those admitted demonstrates a high level of popularity of doctoral study programs within the Doctoral School of Economics and Business Administration, in general, and of the Cybernetics and statistics domain, in particular.

Table no. 1.11. Doctoral studies in Cybernetics and statistics – Admission

Admission year	Number of applicants	Admitted candidates
2016-2017	2	2
2017-2018	2	2
2018-2019	3	3
2019-2020	2	2
2020-2021	2	2

1.2.5.2. Active PhD students

**Table no. 1.12. PhD students
(Cybernetics and statistics)**

Year of study	UAIC Scholarship	MEN Scholarship	State Budget	PAID TUITION	Total
1(2020)		2			2
2(2019)		2			2
3 (2018)	1	1	1		3
4(2017)		1			1
5(2016)					
Extension (2015-2016)			2		2
	1	6	3		10

**Table no. 1.13. Total number of PhD students (including those who defended their thesis)
(Cybernetics and statistics)**

Year of study	No. of PhD students
1(2020)	2
2(2019)	2
3(2018)	3
(2017)	1
(2015)	2



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1.2.5.3. Expelled PhD students
**Table no. 1.14. Expelled PhD students
(ECONOMICS)**

Year of enrollment	Name of PhD student	Expulsion decision
2017	DARIE I. NICOLETA	D 5/25.02.2021
2016	DIMITRIU A.G. VLAD - ALEXANDRU	D 7/25.02.2021
2016	VELICU A. VALERII	D 61/12.12.2019

1.2.6. Evolution of number of PhDs in the last 5 years

**Table no. 1.15. List of public defenses in the 2016-2020 period
(Cybernetics and statistics)**

PhD student name	Advisor	Date of public defense	PhD title order no.
MIHAI V. OLESIA	Elisabeta Jaba	18.07.2019	5345/25.11.2019
CĂUȚIȘANU C. CRISTINA	Laura Asandului	19.04.2019	4517/22.07.2019
MUNTEAN căs. JEMNA T. LIGIA	Carmen Pintilescu	28.09.2018	5745/28.12.2018
MARDARE Raluca	Laura Asandului	22.09.2018	5745/28.12.2018
ROBU I. IOAN - BOGDAN	Elisabeta Jaba and Dinu Airinei	20.07.2018	5474/14.11.2018
TOFAN V. OVIDIU - DRAGOS	Dinu Airinei	17.05.2018	4193/27.07.2018
ALEXA MARIUS	Dumitru Oprea	29.09.2016	5895/28.11.2016
CHIRIANU IOANA-ALEXANDRA	Elisabeta Jaba	27.09.2016	5895/28.11.2016
MAZUR cas GAVREA MAZUR IULIANA	Elisabeta Jaba	08.09.2016	5321/29.09.2016



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1.2.7. Research centers

The Center for Statistical Research, aimed to "theoretically and practically develop scientific research in statistics so as to ensure its national and international recognition as a center of excellence in promoting statistics", was founded in 2005 within the Department of Accounting, Economic Informatics and Statistics (DAEIS). The Center for Statistical Research (CSR) has the following objectives:

1. To support high quality research by encouraging publishing in internationally acknowledged journals;
2. To focus on research activities able to provide financial policy recommendations and results relevant for decision makers in the economic environment;
3. To get master, PhD and post-doctoral students engaged in the process of writing scientific papers to be published in internationally acknowledged journals.

The research area covers *Inferential and Descriptive Statistics, Multivariate Analysis, Time Series Analysis and Forecast, Statistical Survey Theory and Practice, Non-parametric Statistics, Qualitative Variables Statistics, Methods applied in Data Mining*. The research sub-domains are the following:

- S1 Statistical analysis of aging population effects in Romania
- S2 Labor market modeling
- S3 Statistical evaluation of the public health system in Romania compared to other EU countries
- S4 Statistical analysis of financial markets
- S5 Data mining methods applied in the study of socio-economic phenomena

The short term strategic plans of CSR are the following:

- to identify some relevant research topics with an impact on the socio-economic environment;
- to attract funds through the research projects proposed in national and international competitions;
- to increase the role of research in economic master programs.

The medium term strategic plans of CSR:

- to encourage and support high quality research by stimulating scientific papers' publication in journals with a wide international impact and to limit "scientific opportunism";
- to use the means (grants) to achieve valuable results (publications and citations in SSCI indexed journals)
- to encourage national and international partnerships able to produce valuable inputs in order to develop CSR members' research abilities.



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Activities for developing scientific research

In order to develop scientific research and to increase the DAEIS teaching staff's and researchers' results' recognition, both nationally and internationally, we propose the following measures aimed to:

1. To improve the organizational framework of scientific research within DAEIS

Measures:

1.1. Identification of main research topics

Given the importance of scientific research for social and economic development, the research priority direction identified at the faculty level is *Economics, business, society – new growth and innovation models*. Consequently, the main research topics within this research direction are:

- Econometric modeling of economic phenomena
- Statistical analysis of demographic phenomena
- Data mining methods applied in economics

1.2. Organization of scientific seminars within DAEIS

The organization of scientific seminars twice a month (during the first and the third weeks of the month), on Thursdays, 14:00, Room B321a. DAEIS teaching staff and researchers, PhD students at the Doctoral School of Economics and Business Administration (in Cybernetics and Statistics) and professors from Romania and abroad present papers on these occasions. The Doctoral School of Economics and Business Administration students' participation in these activities is compulsory.

2. To stimulate the scientific research activity of the teaching staff and researchers within the faculty to increase international recognition of the Cybernetics and statistics domain

Measures:

2.1. Funding participation in prestigious international conferences

Annual funding of teaching staff and researchers within DAEIS for participating in prestigious international conferences in the Cybernetics and Statistics field.

2.2. Funding scientific papers' publication in prestigious journals

Partial or total coverage of publishing (submission and/or publication) expenses of articles in ISI journals with AIS>0.

2.3. Organization of a Department's international conference



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Within the international conference held at the faculty level (GEBA - *Globalization and Higher Education in Economics and Business Administration*), there is a section - *Quantitative Analysis under Global Challenges* – in which the members of the Center of Statistical Research and the PhD students in Cybernetics and Statistics disseminate the results of their research.

3. To enable students to acquire the scientific research competences as a premise for increasing doctoral studies' attractiveness;

Measures:

3.1. Organizing student clubs within the study programs in the Cybernetics and Statistics domain

Organizing a scientific club for the students enrolled in the *Statistics and Economic Forecast* undergraduate program and of a scientific club for the students enrolled in the *Data Mining and Statistics and Actuary in Insurance and Health* master programs.

3.2. Organizing student contests on interesting and challenging topics

Organizing student contests on interesting and challenging topics in order to increase motivation among research-inclined students and to have them involved in preparing for annual student scientific sessions and olympiads organized by AFER or other recognized professional organizations.

3.3. Introducing optional courses on research methodology and academic writing at all undergraduate and master programs' levels

The introduction of optional courses on research methodology and academic writing and a greater importance placed on the specialization project – in this way, students will be provided with research guidance in completing their undergraduate/ master thesis.

3.4. Drafting a Guide for writing the undergraduate/ master thesis

4. To increase the funding level for scientific research activity by drawing funds through national and international projects

Measures:

4.1. Creating specific competences for drafting and implementing projects

Organization of workshops on:

- presentation of the main funding sources for research, development and innovation activities;
- drafting research projects;
- project presentations held by teaching staff and researchers who were granted research funds following national and international competitions (good practice examples).



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4.2. Consolidating cooperation with the Statistics departments within the Universitaria Consortium members

We aim to consolidate cooperation with teaching and research staff in the Statistics departments of the Universitaria Consortium by organizing joint events (workshops, seminars, conferences) and by collaborating on project proposals and implementation.

1.2.8. Main scientific results

The main results achieved at the Cybernetics and Statistics domain level are:

1. Guest editors for three special issues of Web of Science indexed journals

- Emerging Markets Finance and Trade – vol. 50, no. S2, 2014 – editor Dinu Airinei
- Transformations in Business & Economics – vol. 14, no. 2A, 2015 – editors Dinu Airinei and Mircea Asandului
- Transformations in Business & Economics – vol. 15, no. 3C, 2016 – editor Mircea Asandului

1. Representative articles

The main articles published by the doctoral advisors in the Cybernetics and Statistics domain are:

Alexandru Tugui, Daniela Tatiana Agheorghiesei and Laura Asandului (2020) *An Informal Ethics Auditing in Authorized Valuation for Business Sustainability in Romania*, Sustainability, 12, 8562; doi:10.3390/su12208562

Lidie Ancelot, Lilliane Bonnal, Marc Hubert Depret, P. Favard, Dănuț Vasile Jemna, Christiana Sandu (2019) *Unmet need for healthcare during pregnancy: A French – Romanian comparison*, Applied Economics, 51(61)

Ciprian Turturean, Laura Asandului, Ciprian Chirilă, Daniel Homocianu (2019) *Composite Index of Sustainable Development of EU Countries*, TIBE, Vol. 18, No. 2A(47A), pp. 586-604

Dănuț Jemna, Mihaela David (2018) *Post-transitional regional fertility in Romania*, Demographic Research, Vol. 38, Article 57, pp. 1733-1776

Liviu-George Maha, Elena Daniela Viorică, Mircea Asandului, Andreea Maha (2018) *Hotel Efficiency Analysis from the Customer's Point of View in Romania: A Stochastic Production Frontier Approach*, Emerging Markets Finance and Trade, Vol. 54, No. 3, pp. 661-676

Cristina Căuțișanu, Laura Asandului, Mioara Borza, Ciprian Turturean (2018) *Quantitative Approach to Circular Economy in the OECD Countries*, Amfiteatru Economic, Vol. 20, No. 48, pp. 262-277



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Aurelian-Petrus Plopeanu, Daniel Homocianu, Dinu Airinei (2018) *Determinants of Entrepreneurial Proclivity of Students in Economics and Business Administration*, Economic Computation and Economic Cybernetics Studies and Research, Vol. No. 3, pp. 101-119

Daniela-Tatiana Agheorghiesei, Sorin Gabriel Anton, Dinu Airinei (2018) *The Impact of Financial Crisis on the Quality of Higher Education System. An Exploratory Study from the Perspective of the Vulnerability Perceived by the Students*, Transformations in Business & Economics, Vol. 17, No. 2B, pp. 721-737

Dan Lupu, Mircea Asandului (2017) *The nexus between economic growth and public spending in Eastern European Countries*, Engineering Economics, Vol. 28, No. 2, pp.155-161

Alina Morosanu, Elisabeta Jaba, Daniela Serban (2017) *The Proposal of a Tool for Candidate's Selection for Employment: the Case of Survey Interviewers*, Prague Economic Papers, Vol. 26, No. 5, pp. 561-577

Cătălina Lionte, Victorița Sorodoc, C. Tuchilus, Diana Cimpoiu, Elisabeta Jaba (2017) *Biomarkers, lactate, and clinical scores as outcome predictors in systemic poisons exposures*, Human & Experimental Toxicology, Vol. 36, No. 7, pp. 651-662

Cătălina Lionte, Victorița Sorodoc, Elisabeta Jaba, Alina Botezat (2017) *Development and validation of a risk-prediction nomogram for in-hospital mortality in adults poisoned with drugs and nonpharmaceutical agents An observational study*, Medicine, Vol. 96, No. 12, e6404

Mircea Asandului, Sabina Andreea Cazan, Bogdan Capraru, Iulian Ichnatov (2016) *The impact of bank mergers and acquisitions on the bank performance and risk taking behaviour*, Transformations in Business & Economics, Vol. 15, No. 3C (39C), pp. 580-596

Elisabeta Jaba, Ioan-Bogdan Robu, Costel Istrate, Christiana Brigitte Balan, Mihai Daniel Roman (2016) *Statistical Assessment of the Value Relevance of Financial Information Reported by Romanian Listed Companies*, Romanian Journal of Economic Forecasting, Vol. 19, No. 2, pp. 27-42

Carmen Pintilescu, Dinu Airinei, Ionuț-Cristian Baci, Daniela Viorică (2015) *Stochastic Models for the Inflation Rate in Romania*, Transformations in Business and Economics, Vol. 14, No. 2A, pp. 343-359

Mircea Asandului, Dan Lupu, Gabriel Claudiu Mursa, Radu Musetescu (2015) *Dynamic relations between CDS and stock markets in Eastern European countries*, Economic Computation and Economic Cybernetics Studies and Research, Vol. 49, No. 4, pp.151-171

Mircea Asandului, Dan Lupu, Mihai Bogdan Petrișor (2015) *Stock market and economic growth in the Central and Eastern European countries*, Transformations in Business & Economics, Vol. 14, No. 2 (35A), pp.498-508

Dan Lupu, Nicoleta Sirghi, Mircea Asandului (2015) *Considerations regarding the inflation's evolution in Central and Eastern European countries*, Transformations in Business & Economics, Vol. 14, No. 2A (35A), pp. 329-342



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Carmen Pintilescu, Dănuț Jemna, Daniela Viorică, Mircea Asandului (2014) *Inflation, output growth and their uncertainties: Empirical evidence for a causal relationship from European emerging economies*, Emerging Markets Finance and Trade, Vol. 50, No. S4, pp. 78-94

Daniela Viorică, Carmen Pintilescu, Dănuț Jemna, Mircea Asandului (2014) *The relationship between inflation and inflation uncertainty. Empirical evidence for the newest EU countries*, PLoS ONE 9(3): e91164 e.doi:10.1371/ journal.pone.0091164

Mircea Asandului, Carmen Pintilescu, Dănuț Jemna, Daniela Viorică (2014) *Infant mortality and the socioeconomic conditions in the CEE countries, after 1990*, Transformations in Economics and Business Administration, Vol. 13, No. 3C, pp. 555-565

Dănuț Jemna, Carmen Pintilescu, Daniela Viorică, Mircea Asandului (2014) *Inflation and inflation uncertainty in Romania*, Economic Computation and Economic Cybernetics Studies and Research, Vol. 48, no. 1, pp.181-199

Dan Lupu, Mircea Asandului (2014) *Comovements of the exchange rates and stock markets in Eastern Europe in time of crisis: a BVAR approach*, Transformations in Economics and Business Administration, Vol. 13, No. 3C, pp. 430-445

Dănuț Jemna, Elena Cigu (2014) *Analysis of Fertility in Ten Central and Eastern European Countries after 1989*, Transylvanian Review of Administrative Sciences, No. 42 E, pp. 49-77

3. Research projects

The main research projects coordinated by the doctoral advisors in the Cybernetics and Statistics domain in the period under evaluation are:

Project PN-III-P1-1.1-MC-2018-0513, Program 1 Subprogram 1.1 – Human Resources MOBILITY PROJECTS FOR RESEARCHERS (Budget 15 518 RON), Funded by the Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) – Project responsible - Prof. Dănuț Vasile Jemna, PhD habil.

Project PN-III-P1-1.1-MC-2018-0113, Program 1 Subprogram 1.1 - Human Resources MOBILITY PROJECTS FOR RESEARCHERS (Budget 19 959 RON), Funded by the Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) – Project responsible - Prof. Elena Carmen Pintilescu, PhD

Project PN-III-P1-1.1-MC-2018-0081, Program 1 Subprogram 1.1 - Human Resources MOBILITY PROJECTS FOR RESEARCHERS (Budget 21 885 RON), Funded by the Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) – Project responsible – Associate prof. Mircea Asandului, PhD habil.



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Project PN-III-P1-1.1-MC-2017-1356, Program 1 Subprogram 1.1 - Human Resources MOBILITY PROJECTS FOR RESEARCHERS (Budget 11 070 RON), Funded by the Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) – Project responsible – Prof. Elena Carmen Pintilescu, PhD

Project PN-III-P1-1.1-MC-2017-1142, Program 1 Subprogram 1.1 - Human Resources MOBILITY PROJECTS FOR RESEARCHERS (Budget 21 325 RON), Funded by the Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) – Project responsible - Associate prof. Mircea Asandului, PhD habil.

Project *Précarité, renoncement aux soins et périnatalité: Une comparaison franco-roumaine*, (Budget 13 000 EUR), 2014-2016, funded by the University of Poitiers, France – Project responsible - Prof. Dănuț Vasile Jemna, PhD habil.

4. International conferences organized

International conferences organized in the period under evaluation:

- XIIth International Conference "Globalization and Higher Education in Economics and Business Administration" (GEBA 2020), 22-23 October 2020, <http://www.fea.uaic.ro/geba/2020>
- XIth International Conference "Globalization and Higher Education in Economics and Business Administration" (GEBA 2019), 17-20 October 2019, <http://www.fea.uaic.ro/geba/2019>
- The Annual Scientific Conference of Romanian Economists in Foreign Academia (Conferința Științifică Anuală a Economiștilor Români din Mediul Academic din Străinătate) - ERMAS 2018, 25 -27 July 2018, <http://www.fea.uaic.ro/ermas2018/>
- Xth International Conference "Globalization and Higher Education in Economics and Business Administration" (GEBA 2017), 19-22 October 2017, <http://www.fea.uaic.ro/geba/2017>
- IXth International Conference "Globalization and Higher Education in Economics and Business Administration" (GEBA 2016), 20-23 October 2016, <http://www.fea.uaic.ro/geba/2016>
- VIIIth International Conference "Globalization and Higher Education in Economics and Business Administration" (GEBA 2015), 22-24 October 2015, <http://www.fea.uaic.ro/geba/2015>



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1.3. Internal Quality Assurance System at the Level of Doctoral Studies

1.3.1. Internal quality assurance system objectives and general structure

"Alexandru Ioan Cuza" University of Iasi assumes the institutional culture of quality as a means to achieve academic excellence in education and scientific research.

The main objective of the quality assurance system is to improve the system of organization and management of the University's resources in order to increase the efficiency of the teaching and scientific research process.

Structure of the quality management system

At central level, in "Alexandru Ioan Cuza" University of Iași, there is [Comisia pentru Managementul Calității](#) (CMC, *Commission of Quality Management*), which is organized and functions in agreement with stipulations in the National Education Law and Law no. 87/2006 for the approval of Government Emergency Ordinance no. 75/2005. The Commission reports to the University Board of Governors, is run by a Chair and operates on the basis of its own Regulations.

UAIC's Quality Management Commission has specific management system regulations and procedures to develop its own quality culture. The executive activities in the field of quality management are carried out by the members of the Quality Management Office. The Office supports the Quality Management Commission in the implementation of quality management by planning actions, drafting self-assessment reports and specific quality assurance documents, training staff on quality assurance, participating in the internal and external evaluation process.

In UAIC there is a program of policies centered on quality, the means to carry it out being presented in synthesis in [Codul de asigurare a calității](#) (Quality Assurance Code) and [Manualul calității](#) (Quality manual).

The process to control documents assimilated to the Quality Management System at University level, as well as the responsibilities arising from it, are regulated by:

- [Procedura privind elaborarea procedurii documentate](#) (Procedure on how to draw the documented procedure) –establishes how to initiate, develop, endorse and approve the content, format, revision and archiving of any activity-based documented procedure used within the UAIC's quality management system and internal/managerial control system;
- [Procedura de sistem, privind inițierea, elaborarea, aprobarea, difuzarea, retragerea și, arhivarea informațiilor documentate \(cod, ghid, regulament, metodologie sau a altor documente asimilate Sistemului de management al calității\) din cadrul Universității „Alexandru Ioan Cuza” din Iași](#) (System procedure on initiating, drafting, approving, disseminating, withdrawing and archiving documented information (code, guide, regulation, methodology or other documents assimilated to the Quality Management System))– establishes the modalities and responsibilities for initiating, drafting, approving, disseminating, withdrawing and



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archiving codes, guidelines, regulations, methodologies and other documents assimilated to the Quality Management System at University level.

The Faculty of Economics and Business Administration has a Quality Management Subcommittee, which is subordinate to the central committee. The institutional practices and policies in the field of quality are adapted to the requirements specified in the Methodology on Quality Assurance, Provisional Operating Authorisation and Accreditation of Study Programs and Higher Education Institutions, drawn by ARACIS, in accordance with the provisions of Government Emergency Ordinance No. 75/2005 on Quality Assurance in Education and Law No. 87/2006, as amended..

Also, in the Faculty there is an operating [Comisia pentru evaluarea si asigurarea calitatii programelor de studii](#) (Commission for study program evaluation and quality assurance).

1.3.2. Quality assurance policies and definition of procedures, beneficiaries and their responsibilities

Evaluation and quality assurance policies are designed at University level through the Strategic Plan (SP) and the Operational Plan (OP). At the level of each faculty, Strategic and Operational Plans are developed, with indicators in line with UAIC's SP and OP.

In the Faculty of Economics and Business Administration there is a permanent concern for the quality assurance of the educational act and the effective functioning of quality assurance mechanisms in order to achieve the following objectives:

- to increase the faculty's capacity to provide higher qualifications adapted to the changing demands of the labor market;
- to continue to promote research programs of excellence;
- to increase international visibility;
- to strengthen innovation, cooperation and networking between faculties in the same field inside Romania and abroad, business and research centers;
- to increase the relevance of mathematical higher education for the labor market and the knowledge-based society through quality university degree programs;
- to expand learning opportunities in mathematics and computer science higher education.

1.3.3. Stakeholder participation in the quality assurance process

The periodic evaluation of study programs in terms of identified labour market needs and objectives, teaching-learning-assessment processes, material and human resources, concordance between stated learning outcomes and their assessment methods are grounded in the [Regulamentul privind initierea, aprobarea, monitorizarea și evaluarea](#) (Regulation on the initiation, approval,



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monitoring and evaluation) of study programs approved by the University Senate, UAIC's Quality Assurance Code, other documents relevant in the evaluation process.

The Doctoral School of Economics and Business Administration (SDEAA) and the Faculty of Economics and Business Administration in general have concrete structures, strategies and procedures for the management and quality assurance of teaching, learning and research activities and for the development of a quality culture. The adopted structures, policies and strategies create the institutional framework for effective quality development and monitoring and for continuous improvement of quality standards. Through the analyses carried out in the Board of the Doctoral School of Economics and Business Administration, the Faculty Board, the Methodology Committee or other committees of the Faculty, the aim is to seek solutions to possible proposals/observations resulting from the monitoring of alumni opinions. These analyses result in the adaptation of teaching/learning methods, the introduction of concepts and technologies resulting from scientific research, a more active communication process with all actors involved in the educational process, etc.

In the process of monitoring student opinion, a questionnaire is used, applied at the end of each semester to students enrolled in undergraduate and master courses. Another tool for monitoring student satisfaction is the questionnaire applied by the university: [*Cât de mulțumit ești de serviciile Universității?*](#) (*How satisfied are you by the University services?*). It is launched annually to gauge student perceptions in a systematic way and to better understand what they want from the university. It is important for university representatives to know these aspects in order to improve activities involving interaction with students at faculty or library level, personal and professional development course offers, dormitory accommodation conditions, and to focus more on student needs.

As evidence of the involvement of a variety of stakeholders in the quality assurance process of doctoral research, we can detail a number of issues related to the SDEAA's relationship with the socio-economic environment. There are numerous analyses and evaluations of public policies as a result of the doctoral school's research, among which we can mention:

- *Analysis of Work-Related Migration Policies in Europe* (beneficiary: ITM Iași)– Dr. Cătălin Țacu;
- *Analysis and Prognosis of the Evolution of Suceava County Population* (beneficiary: Suceava City Hall)– Dr. Mihaela Seniuc ;
- *Regional Development via Dry-Port* (beneficiary: ADR Nord-Est)– Dr. Cezar Gabriel Ciortescu.

Companies have also benefited from process improvement analyses and projections through PhD research:

- *The Amelioration of Marketing Strategies for the Promotion of Romanian Wine* (beneficiary: Cotnari SA Iași)–Dr. Ștefan Matei;



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- *Modeling Stock Management in the Farmaceutical Industry*(beneficiary: Ropharma Iași)–PhD cand. Alin Rădășanu;
- *Business Models for the IT Industry* (for the benefit of some companies in Iași)–PhD cand. Marius Alexa.

Most research in our fields is of an applied nature and focuses on the regional and Romanian socio-economic environment. Therefore, the collaborative relations of the doctoral school are strongly anchored in the socio-economic context.

SDEAA's research strategy is based on a strong social responsibility, all PhD students' research being offered free of charge to socio-economic entities by virtue of the major role that our University plays in the region.

At SDEAA level, there are a number of agreements and partnerships with the socio-economic sector to carry out interdisciplinary research, such as: Agreement with the Financial Supervisory Authority, the National Bank of Romania (NBR), the Romanian Commercial Bank (BCR) and the Romanian Development Bank.

Table no. 1.16. Other agreements and partnerships of IOSUD-UAIC relevant for SDEAA
The year 2016

Organization	Date of establishment	Expiration date
National Environmental Guard	Oct/16	Oct/20
"Virgil Madgearu" Economic Technological High School	Nov/16	Nov/17
Economic Administrative College	Nov/16	Oct/17
XEROX	Mar/16	Mar/17
TOASTMASTERS	Oct/16	Oct/17
CV 30 Worldwide Group	Feb/16	Apr/16
BRD	Jan/16	Jan/17
BCR	Sep/16	Dec/16
Iasi Military Hospital	Oct/15	
Iasi Community Foundation	Oct/15	Jun/16



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CONTINENTAL AUTOMOTIVE ROMANIA SRL	Sep/15	Sep/19
"George Enescu" University of Art	Nov/14	Nov/19
SC SCHENKER ROMTRANS SA	Jun/15	Jun/18
APPANER	Apr/15	Apr/16
SC ALTE FAPTE S.R.L	Feb/16	Oct/16
SC ALTE FAPTE S.R.L	Oct/16	Mar/17
Teach for Romania	Feb/15	Feb/16

The year 2017

Organization	Date of establishment	Expiration date
BRD GSG	Apr/17	Dec/17
Centric IT	Feb/17	Feb/20
Flight Factory Association	Mar/17	May/17
Association "Training Institute in Cognitive and Behavioral Therapy"	Apr/17	Jul/18
Levi 9	Dec/17	Nov/20
EOS KSI Romania	Dec/17	Dec/18
CONDUENT	Dec/17	Dec/20
Transilvania Bank	Dec/17	Nov/21
UNICREDIT Bank	Dec/17	Dec/19
ISJ Iași	Nov/17	Dec/18



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Eon Services	Nov/17	Nov/20
SC Catalyst Sollutions	Oct/17	Oct/19
National Anti-Drug Agency	Sep/17	Aug/19
SC Targul de cariere SRL	Sep/17	Mar/19
Academy of Public Administration of the Republic of Moldova	Oct/17	Oct/22
Values School Association	May/17	May/19
Conex Distribution	Apr/17	Apr/19
ASAM	Apr/17	Apr/19
Tess Industrie	Apr/17	Apr/19
Iasi County Police Inspectorate	May/17	May/18
XEROX Shared Services Romania SRL	Dec/17	Dec/19
"Mihail Sturdza" Technical College	Dec/17	Dec/17
SCC Services	Apr/17	Apr/19
Lugera& Makler	Apr/17	Apr/19
ALMAVIVA Services SRL	Sep/17	Sep/20
CAPGEMINI	Dec/17	Dec/19

The year 2018

Organization	Date of establishment	Expiration date
Bucharest University of Economic Studies	Sep/18	
ARCADIA POLICLINIC SRL	May/18	May/20



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ARCADIS PROJECT ENGINEERING SA	24 apr	Apr/18
ARTED	Mar/18	Mar/19
Alt Iasi Association	Sep/18	Dec/19
Association of Alcoholics in Recovery Clubs	Oct/18	Oct/20
TOASTMASTERS Association	Feb/18	Feb/19
Transilvania Bank	Oct/18	Jun/20
BELLA ROMANIA IMPEX	May/18	Apr/20
BRD Groupe Societe Generale	Oct/18	Sep/19
CARITAS Diocesan Center Iasi	Mar/18	Mar/20
Iasi County Center for Resources and Educational Assistance	Jan/18	Jan/20
Economic Administrative College	May/18	May/19
Economic Administrative College	Nov/18	Nov/19
“Ștefan cel Mare” National College, Bacău	Mar/18	Jun/19
National College of Social Workers in Romania	ian 2018	Jan/20
”Dimitrie Ghika” Technical College, Comănești	Mar/18	Jun/19
Rădăuți Technical College	Oct/18	Oct/18
Unirea SA Hotel Complex	Apr/18	Apr/20
Moldova Iași National Museum Complex	Mar/18	May/18
EZLO Ltd		
FLAROM ADVERTISING SRL	Mar/18	Mar/20
Fundatia Comunitara Iasi		



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Heaven's solutions	Dec/18	Dec/20
Iulius Management Center	Apr/18	Apr/19
"Haralamb Vasiliu" Technological High School Podu Ioaiei	Nov/18	Nov/18
"Duiuiu Zamfirescu" Theoretical High School Odobești	Nov/18	Nov/18
"Miron Costin" Theoretical High School Pașcani	Nov/18	Nov/18
Metropolitan Church of Moldova	additional act	final year of university 2017-2018
Quartz Matrix	Mar/18	Mar/20
SC EGGLEER SRL	Nov/18	Nov/20
Career Fair	Sep/18	Apr/19
VEOLIA		

The year 2019

Organization	Date of establishment	Expiration date
ADR NE- RUBIK HUB	Apr/19	Apr/20
ADR-NE	Apr/19	Apr/22
ADR-NE	Jun/19	event organization
IASI ENVIRONMENTAL PROTECTION AGENCY	Feb/19	Feb/20
AMADEUS MARKETING ROMANIA SRL	Oct/19	Oct/20
ASAP JOBS	Mar/19	Mar/21



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HR MANAGEMENT CLUB ASSOCIATION	May/19	May/20
ASSOCIATION FOR INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY	Jan/19	Jan/21
BEENEAR	Apr/19	Apr/21
BRITISH COUNCIL- annex	Mar/19	
CAPGEMINI	Apr/19	Apr/21
Technical College “Gh. Asachi ”Iasi	May/19	May/20
GENERAL DIRECTORATE FOR SOCIAL ASSISTANCE AND CHILD PROTECTION	Aug/19	Aug/21
EUROPE DEVELOPMENT INTERNATIONAL- R SA (Europa FM)	Jun/19	Jun/20
ROMAN FOOTBALL FEDERATION	Jul/19	Dec/19
ROMANIAN BUSINESS LEADERS FOUNDATION	Dec/19	Dec/21
INCREW LIMITED	Sep/19	Sep/21
NATIONAL INSTITUTE OF RESEARCH AND DEVELOPMENT FOR NUCLEAR PHYSICS AND ENGINEERING "HORIA HULUBEI"	Apr/19	Apr/23
ISJ Iasi	Mar/19	Mar/22
MCM Boutique Resort	Mar/19	Mar/22
NON-STOP CONSULTING BUCHAREST	Apr/19	Apr/20
OSF GLOBAL SERVICES	Jul/19	Jul/20
PENTALOG ROMANIA SRL	Apr/19	Apr/21
PREMIAN SERVICES CONSULT SRL	Jun/19	
SC ABPLUS EVENTS SRL	Jun/19	Jun/21



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SC ACE RECRUIT SRL	Jun/19	Dec/19
SC ART IN COMMUNICATION SRL (VIVA FM)	Jun/19	Jun/20
SC DAFLOG SRL	Jun/19	
SC IULIUS MANAGEMENT CENTER SRL	Jun/19	Jun/20
SC M&D RETAIL IASI (Mobexpert)	Mar/19	Mar/22
SC NORD TOUR (Travis)	Mar/19	Mar/22
SC TZMO SRL	Jun/19	Jun/21
SC ZENEGANT SRL	May/19	May/20
THE SCHOOL OF VALUES	Dec/19	
SIGNUP.WORK	Dec/19	Dec/20
ROMANIAN TELEVISION SOCIETY - IASI TERRITORIAL STUDIO	Mar/19	Mar/22
SOURCETASK SOLLUTIONS	Jul/19	Jul/21
CAREER FAIR	Sep/19	Sep/20
TOASTMASTERS Iasi	Feb/19	Feb/20
TRAM CLUB	Mar/19	Mar/22
DELPHI TECHNOLOGIES	Dec/19	Dec/22
ROMANIAN BUSINESS LEADERS	Dec/19	Dec/22

The year 2020

Organization	Date of establishment	Expiration date
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Junior Achievement Association Romania	Feb/20	Feb/22
National Anti-Drug Association	Sep/20	Sep/23
The plains of Moldova Association	Jul/20	Jul/20
Save the Children Association	Jul/20	Jul/22
Catalyst Solutions SRL	Jul/20	Jul/22
Romanian Alpine Club	Jul/20	Jul/22
LEADERS Foundation		
Optima Solutions Services SRL		
SC QUASAR DANCE SRL	Sep/20	Sep/20
Schenker Logistics Romania SA	Jul/20	Jul/22

1.3.4. Interaction between the quality assurance system and university management

[Biroul Managementul Calității \(BMC\)](#) (Quality Management Office) operates within "Alexandru Ioan Cuza" University of Iași, under the direct supervision of the Vice-Rectorate for MA programs, PhD studies, quality management and UAIC external campuses. BMC has an executive role in implementing UAIC strategies and policies in the field of quality management:

- it pursues the implementation of quality management in faculties/departments and in the university administration;
- it provides logistical and secretarial support to the University Quality Management Committee in the preparation of summaries of evaluation, audit and quality improvement actions;
- it centralizes the results of periodic measurements of student satisfaction with regard to the services offered at University level by the faculties/departments and administrative structures (admission, educational, social, documentation, administrative, secretarial, counseling services, etc.);
- it centralizes the results of regular measurements of employers' satisfaction concerning: the preparation of university graduates; ways of cooperating to adapt the curriculum to



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their requirements; ways of cooperating in the field of research; ways of representing them in decision-making bodies;

- it proposes solutions to increase the quality of university services, presenting them to the Quality Management Committee;
- it prepares the annual internal evaluation report on the quality of education, and other evaluation reports made available to external and internal evaluators;
- it monitors the implementation of the annual quality improvement plans at the level of the Faculty and University administrative structures based on the annual quality improvement plans at University level, develops and proposes to the Quality Management Commission the annual quality improvement plan at University level to ensure that minimum accreditation standards, quality standards applied by other external evaluation bodies and performance levels required to achieve positions in international rankings are met and exceeded;
- it monitors the University's position in national and international rankings and carries out analyses to inform strategies to improve these ranks;
- it submits these analyses to the Commission for evaluation and quality management;
- it cooperates with the Romanian Agency for Quality Assurance in Higher Education (ARACIS), with other agencies and authorized bodies or similar institutions in the country and abroad, according to the law;
- it collects and transmits information from third parties, necessary for the members of the University in certification, institutional evaluation, or accreditation activities;
- it disseminates, within the University, information on national benchmarks and performance indicators for quality assessment and assurance in higher education;
- it collects and disseminates, within the University, information on European/international quality assessment standards for higher education;
- it prepares all quality assurance documents and monitors the implementation of decisions taken.

“Alexandru Ioan Cuza” University of Iasi collaborates with the Romanian Agency for Quality Assurance in Higher Education for external quality assessment at institutional level. The Quality Management Office maintains contact with the quality assurance committees of the 15 faculties and with the heads of their administrative departments to ensure institutional evaluation and **collaborates closely with the following structures dedicated to Quality Management:**

- **Comisia pentru Managementul Calității** (Commission for Quality Management) Chair – Assoc. Prof. Florin BRÎNZĂ, PhD – at University level.

The Commission for Quality Management is organized and functions in agreement with stipulations in the Law of National Education and in [Legea 87/2006](#) (Law 87/2006) for the approval of [Ordonanța de Urgență a Guvernului 75/2005](#) (Government Emergency Ordinance 75/2005) on



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quality assurance in education. The *Commission* is subordinate to the University's Board of Governors and is headed by a Chair appointed by the Board of Governors.

- **Comisiile de evaluare și asigurare a calității** (Evaluation and quality assurance committees) at faculty level – carry out quality assurance activities in the faculty, monitor the quality of study programs, prepare the annual internal evaluation report on the quality of education and assist external evaluations of the faculty's study programs.

1.3.5. Transparency and access to information

The webpage of the Doctoral School of Economics and Business Administration is doctorat.feaa.uaic.ro.

The section which presents doctoral studies comprises information on:

- the regulation on the activity of doctoral studies at doctoral school level;
- the list of active members of the doctoral school with contact details and area of research interest;
- minimum standards to obtain the habilitation certificate;
- content of the advanced training program.

The second section contains information on admission to doctoral studies:

- Admission methodology, drawn up annually;
- admission topics;
- how the admission exam is conducted;
- information on the competition timetable, fees, number of places and the contents of the application file.

In addition to this information, the website publishes announcements on the public defense of *habilitation theses*, *doctoral theses* and the public defense of research reports as part of the individual scientific research program of doctoral students..

All information concerning PhD students, the educational process, research results, etc., as well as annual evaluation reports are available for internal and external stakeholders on the profile pages of SDEAA, FEAA and UAIC.

Frequently, representatives of the business community are invited for direct exchange of information with students and professors, regardless of their level (bachelor, master or doctorate) – for instance:

- ***Lecția de management (The Management Lesson)*** (<https://360.uaic.ro/blog/2018/03/23/lectia-de-management-editia-a-xiii-a/>);
- ***Centric Express*** (<http://portal.feaa.uaic.ro/stiri/Documents/Arhiva%202017-2018/Centric-Express-3-0-%E2%80%93-sesiunea-%E2%80%9DAngular-vs--React-vs--Vue-Js%E2%80%9D.aspx>);
- ***Stagii pe bune (Real Internships)*** (<https://profs.info.uaic.ro/~stagiidepractica/>);



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- *Coaching experience* (<http://portal.feaa.uaic.ro/stiri/Documents/Arhiva%202017-2018/Coaching-Experience.aspx>);
- *Ziua KPMG în FEAA (KPMG Day in FEAA)* (<http://portal.feaa.uaic.ro/stiri/Documents/Arhiva%202017-2018/Ziua-KPMG-la-FEAA.aspx>).

1.3.6. Efficiency of internal quality assurance procedures and structures

The procedure for the internal evaluation of the quality of doctoral studies offered by the Doctoral School of Economics and Business Administration is laid down in its own organizational *Regulament (Regulation)*:

The internal evaluation of the quality of the doctoral program and the performance of doctoral advisors is carried out annually during the first three months of the following year by the internal evaluation committee appointed by the Doctoral School Board. In the event of a tie vote, the head of the committee has the casting vote. The internal evaluation committee has the following tasks:

- (a) it checks compliance with the minimum standards for maintaining membership of the Doctoral School according to the Annex to the *Regulament (Regulation)*;
- (b) it proposes to the Doctoral School Board the criteria for the yearly internal evaluation;
- (c) it requires from PhD students and advisors data necessary for the evaluation and checks these data;
- (d) it analyses data received and draws the internal evaluation report;
- (e) it submits evaluation reports to the Doctoral School Board;
- (f) it proposes ways to improve the work. PhD students and advisors are required to submit the requested data to the committee for evaluation..

The internal evaluation of the performance of doctoral advisors takes into account the quality of their research outputs and of their PhD supervision. Indicators for the scientific work of doctoral advisors include :

- (a) outputs of scientific research (publications), as well as their recognition (citations, scientific awards);
- (b) organization of and participation in scientific events, editorial activity, activity in professional fora and associations.

Indicators of doctoral student mentoring activity include:

- (a) outputs of scientific research achieved by supervised doctoral students, materialized in the publications resulting from the dissertation;
- (b) participation of PhD students in conferences, summer schools, lectures, scientific seminars etc.

The internal evaluation of the quality of doctoral study programs is focused on:

- (a) the mission and objectives of the doctoral study program;



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- (b) the contents and curriculum of the doctoral study program;
- (c) the development and publication of the results of the advanced study and research program;
- (d) public access, in electronic format, to summaries of publicly defended doctoral dissertations;
- (e) specific requirements of various ways of teaching and forms of running classes;
- (f) the existence of documentation, study and research means, as well as of the logistics that PhD students benefit from;
- (g) personnel involved in the unfolding of study programs;
- (h) means to assess knowledge and test the skills of doctoral students, as well as to monitor progress during training.

The internal evaluation committee active in the Doctoral School of Economics and Business Administration currently has the following members:

- Prof. Adriana ZAIȚ, PhD
- Prof. Daniela AGHEORGHIESEI, PhD
- Prof. Mircea GEORGESCU, PhD
- Prof. Ovidiu STOICA, PhD
- PhD cand. Aurelia ILIEȘ
- PhD cand. Cristian TERZA

1.3.7. Internal quality assurance system –instrument for quality management and improvement of education and of other activities

Within the "Alexandru Ioan Cuza" University of Iasi operates the Quality Management Office, a specialized department with an executive role. The mission of this department is to support the Quality Management Commission in the implementation of quality management, by planning actions, drafting self-assessment reports and specific quality assurance documents, training staff on quality assurance, conducting internal and external evaluations. Alexandru Ioan Cuza University assumes the institutional culture of quality as a means to achieve academic excellence in education and scientific research.

In the Faculty of Economics and Business Administration, within which the Doctoral School of Economics and Business Administration operates, there is a subcommittee for quality management, which carries out quality assurance activities in the faculty, monitors the quality of study programs, prepares the *Annual Internal Evaluation Report on the Quality of Education* and assists the faculty in external evaluations. The basis for the evaluation is the *Regulamentul privind inițierea, aprobarea, monitorizarea și evaluarea periodică a programelor de studii (Regulation on the Initiation, Approval, Monitoring and Periodic Evaluation of Study Programs)* approved by



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the University Senate, [Manualul calității](#) (the Quality Manual), [Codul de Asigurare a Calității al UAIC](#) (UAIC's Quality Assurance Code), and other documents relevant in the evaluation process.

Quality policies within "Alexandru Ioan Cuza" University of Iași refer to:

- the ongoing improvement of the quality management system;
- the development of a quality culture based on international university standards;
- the ongoing quality assessment in order to align student-centered education with the requirements of regional partners and the university's development strategy.

Quality assurance strategies within the University envisage:

- the orientation towards meeting the needs and expectations of students, employers and other stakeholders;
- the proactive attitude of the institution's management towards quality issues, which is expressed through the creation of an environment suitable for performance along all operational dimensions;
- addressing the quality issue in strategic terms: mission, values, principles, policies, strategies, objectives;
- keeping under control and continuously improving institutional processes;
- involving and empowering staff;
- concern for the development of a quality culture;
- identifying relevant quality indicators and introducing mechanisms for their internal evaluation;
- documenting the system in order to provide objective evidence to build confidence;
- benchmarking with other universities, possibly from abroad, to identify and take over best practices in quality assurance;
- specialized training for quality staff and general quality assurance training for all staff.

The measures adopted by "Alexandru Ioan Cuza" University of Iași in terms of quality, through the members of the Quality Management Commission and the Quality Management Office, refer to:

- the approval, monitoring and periodic evaluation of study programs and diplomas corresponding to qualifications, in accordance with the legislation in force;
- the existence of objective and transparent procedures for the assessment of learning outcomes;
- the quality of teaching and research staff;
- the functionality of the organizational structures for ensuring the quality of education, in accordance with the law.

"Alexandru Ioan Cuza" University of Iași has requested and has had external evaluations carried out by the European Commission (2000, for the ECTS system), by the Salzburg Seminar



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(1999 and 2004 for the entire academic activity of the University), by EUA (2006, for scientific research) and in 2014 for institutional capacity. The findings and recommendations of the evaluation reports have contributed to institutional improvement.

As regards internal evaluation, the "Alexandru Ioan Cuza" University of Iasi carries out annual evaluations of the quality of study programs and support services.

"Alexandru Ioan Cuza" University of Iasi collaborates with the Romanian Agency for Quality Assurance in Higher Education for external quality assessment at institutional level.

The Quality Management Office liaises with the quality assurance committees of the 15 faculties and the heads of their administrative departments to ensure institutional assessment.

1.3.8. Monitoring, evaluation and ongoing development of the internal quality assurance system

Within IOSUD-UAIC, the evaluation of the activity of the doctoral schools is carried out annually, as part of the process of preparing UAIC's annual activity report. Doctoral schools contribute to this report by providing information on the scientific activity of doctoral advisors, the existing infrastructure and logistics at the level of doctoral schools, and proposals for the completion of the necessary logistic support for the smooth unfolding of specific activities, etc. In addition, the operational plan drawn up annually by the faculty leadership includes objectives and activities for the optimal running of activities.

From the Operational Plan of the Faculty of Economics and Business Administration for 2020, with reference to the activity of the doctoral and research school, we can mention the following planned activities:

- regular evaluation of research activity;
- updating data on research results;
- the use of evaluation grids that make particular use of relevant publications;
- supporting faculty members in obtaining and conducting research grants (information on competitions, administrative support, etc.);
- prompt dissemination within the Faculty of information on internal and international competitions for research grants and the implementation of research grants;
- organization of scientific events with international participation;
- supporting the regular holding of scientific seminars;
- encouraging the international mobility of academic staff and students within the framework of projects and consortia of which the University is a member;
- respecting the spirit of collective leadership including the organization of biannual general meetings with faculty members, regular briefings, etc.;
- regular risk assessment and the establishment of necessary measures.



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2. SELF-EVALUATION CONCERNING THE EXTENT TO WHICH CRITERIA, STANDARDS AND PERFORMANCE INDICATORS ARE MET

2.1. INSTITUTIONAL CAPACITY(A)

2.1.1. The administrative, managerial institutional structures and financial resources(A1)

2.1.1.1. Mechanisms for the efficient operation of doctoral studies (A.1.1.)

Standard A.1.1. The institution organizing doctoral studies (IOSUD) has implemented the efficient 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 doctoral school of the respective university doctoral study domain:

a) the internal regulations of the Doctoral School;

At the level of IOSUD - "Alexandru Ioan Cuza" University of Iași, and therefore also within the Doctoral School of Economics and Business Administration, including for the field of Cybernetics and statistics, according to the legal provisions in force, doctoral studies are conducted on the basis of their own regulations, adopted by the Senate of "Alexandru Ioan Cuza" University of Iași.

Thus, for the period evaluated, the following regulations were applied at IOSUD-UAIC level ([Annex 16](#)):

- *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat (Institutional regulation for the organization and functioning of doctoral studies)*, adopted in the meeting of the Senate of the "Alexandru Ioan Cuza" University of Iași on 25.04.2013 - valid for the period 2013-2017;
- *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat (Institutional regulation for the organization and functioning of doctoral studies)*, adopted in the meeting of the Senate of the "Alexandru Ioan Cuza" University of Iași on 27.06.2017 - valid for the academic year 2017-2018;
- *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat (Institutional regulation for the organization and functioning of doctoral studies)*, adopted in the meeting of the Senate of "Alexandru Ioan Cuza" University of Iași on 28.06.2018 - starting with the academic year 2018-2019;
- *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat (Institutional regulation for the organization and functioning of doctoral studies)*, adopted



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in the meeting of the Senate of "Alexandru Ioan Cuza" University of Iași on 27.06.2019 - starting with the academic year 2019-2020;

- *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat (Institutional regulation for the organization and functioning of doctoral studies)*, adopted at the meeting of the Senate of "Alexandru Ioan Cuza" University of Iași on 28.06.2018 - starting with the academic year 2020-2021.

The activity of the Doctoral School of Economics and Business Administration is carried out on the basis of its own regulations, corresponding to the period evaluated. The latter are (Annex 6):

- *Regulamentul privind desfășurarea studiilor universitare de doctorat la Școala Doctorală de Economie și Administrarea Afacerilor (Regulation on the conduct of doctoral studies at the Doctoral School of Economics and Business Administration)*, approved by the IOSUD-UAIC Board of Doctoral Studies in the meeting of 18.07.2013;
- *Regulamentul privind desfășurarea activităților la Școala Doctorală de Economie și Administrarea Afacerilor (Regulation on running activities at the Doctoral School of Economics and Business Administration)*, approved by the IOSUD-UAIC Board of Doctoral Studies in the meeting of 07.03.2018.

b) the methodology for conducting elections for the position of Director of the Council Doctoral School (CDS), as well as elections by the students of their representative in the CDS and the evidence of their conduct;

The Doctoral School of Economics and Business Administration is managed by a Director appointed according to legal provisions ([Annex 17](#)) and a Council of the Doctoral School, elected by the General Assembly of doctoral advisors, respectively by the PhD students working within it, the results of these procedures being validated by the Senate of "Alexandru Ioan Cuza" University of Iași by Decision no. 3 of 27.07.2017 (Annex 4):

- Prof. Adriana ZAIȚ, PhD - Director of SDEAA;
- Prof. Mircea Radu GEORGESCU, PhD –CDS member;
- Prof. Ovidiu STOICA, PhD – CDS member;
- Prof. Daniela Tatiana AGHEORGHIESEI, PhD – CDS member;
- Prof. Elio BORGONOVİ, PhD – CDS member;
- Prof. Lucian CROITORU, PhD – CDS member;
- PhD cand. Paula Andreea TERINTE – CDS member;
- PhD cand. Paula ROIBU (CRUCIANU, upon marriage) – CDS member.

Subsequently, once the two doctoral student representatives graduated from their doctoral studies, two other representatives were elected ([Annex 4](#)), and they are:

- PhD cand. Aurelia ILIEȘ – CDS member;



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- PhD cand. Cristian TERZA –CDSmember.

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

Admission examinations for doctoral studies were held each year ([Annex 18](#)), based on their own methodology; for the academic year 2020-2021, *Metodologia privind organizarea și desfășurarea admiterii în ciclul de studii universitare de doctorat pentru anul universitar 2020-2021 (Methodology on the organization and running of admission to the cycle of doctoral studies for the academic year 2020-2021)* was used, approved by the Decision of the Senate of the "Alexandru Ioan Cuza" University of Iași no. 10 of 30.01.2020 (supplemented with a specific procedure for the online admission exam, given the pandemic-related restrictions).

With regard to the completion of doctoral studies, there are specific provisions in the *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat (Institutional Regulation to Organize and Operate Doctoral Studies)*, with a separate regulation on the online public defence of doctoral dissertations, given the pandemic-related restrictions, through the *Procedura operațională privind finalizarea studiilor universitare de doctorat, depunerea tezei de doctorat în vederea susținerii publice online pentru perioada stării de urgență și a eventualelor consecințe care decurg din aceasta (Operational procedure on the completion of doctoral studies, the submission of doctoral dissertations for online public defence during lockdown and the possible consequences thereof)* ([Annex 19](#)).

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

At the level of "Alexandru Ioan Cuza" University of Iasi, specific mechanisms have been adopted and applied for the recognition of the capacity of PhD advisor and for the equivalence of the PhD degree obtained in other countries, as follows:

- *Procedură de sistem privind recunoașterea automată de către Universitatea „Alexandru Ioan Cuza” din Iași a calității de conducător de doctorat obținută în instituții de învățământ universitar acreditate din străinătate (System procedure for the automatic recognition by the "Alexandru Ioan Cuza" University of Iași of the status of doctoral advisor obtained in foreign accredited university education institutions)* no. 1423 from 31.01.2017 ([Annex 20](#));
- *Procedură de sistem privind recunoașterea de către Universitatea „Alexandru Ioan Cuza” a diplomei de doctor și a titlului de doctor în științe sau într-un domeniu profesional obținute în instituții de învățământ universitar acreditate din străinătate (System procedure for the recognition by "Alexandru Ioan Cuza" University of the doctor's degree and of the title of doctor in science or in a professional field obtained in foreign accredited university education institutions)* no. 1422 from 31.01.2017 ([Annex 21](#)).



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

At the level of the Doctoral School of Economics and Business Administration, the management structures are functional and the regularity of the meetings of the Doctoral School Board is proven ([Annex 22](#))

f) the contract for doctoral studies;

According to legal provisions, between IOSUD - "Alexandru Ioan Cuza" University of Iași and each doctoral student enrolled at this higher education institution, a doctoral studies contract is concluded ([Annex 23](#)), its format being completed (in the first part of the reporting period) with an additional act aiming at the application of the CNATDCU minimum standards for the awarding of the doctoral degree ([Annex 24](#)) - currently, these provisions are included in the contract.

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

PPUA is monitored and evaluated periodically (every 5 years) by the CDS - SDEAA, according to the School Regulation (art 6.1.2 and 6.1.3). The CSD initiates each year debates to endorse the possible change of subjects in the curriculum and the introduction of new subjects in the PPUA, in order to ensure the adaptation of the doctoral training offer to the needs of doctoral students and to the national and international educational context ([Annex 6](#)).

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

Regulamentul Școlii Doctorale de Economie și Administrarea Afacerilor (The Regulation of the Doctoral School of Economics and Business Administration) includes all mandatory provisions related to criteria, procedures and standards concerning the issues specified in Art. 17, para. 5 of H.G. 681/2011 ([Annex 6](#)).

Thus, with regard to the *acceptance of new doctoral advisor members, as well as regulations on how a doctoral advisor may be withdrawn from membership of the doctoral school*, Art. 3.1.(2) refers to the existence of a specific procedure for affiliation to the SDEAA (set out in Annex R3 to this Regulation), while Art. 3.1.(4) and 3.1.(5) contain provisions on how a doctoral advisor's affiliation to the SDEAA may be withdrawn.



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The mechanisms through which decisions are taken regarding the appropriateness, structure and content of the training program based on advanced university studies are set out in section 6.2. of the Regulation, specifically dedicated to the Advanced University Studies Program, highlighting both the role of the doctoral school, which establishes a curricular offer carried out over a period of 14 weeks - art. 6.2(4), as well as that of the doctoral advisor, who must advise the doctoral candidate on the choice of study elements in the curricular area proposed by the doctoral school - art. 6.2(5).).

At the same time, there are explicit provisions on *procedures to change a doctoral student's advisor*, within the same field of doctoral studies, in art. 3.1.(8) and art. 3.1.(9), and *procedures to mediate conflicts*, art. 3.1.(11) being relevant in this respect.

With regard to the *circumstances under which the doctoral program may be interrupted*, Art. 5.3(1) explicitly states the grounds on which a doctoral student may request the interruption of doctoral studies, while Art. 5.3(2) contains clarifications on the impact of the interruption of doctoral studies on funding, eligibility of expenses incurred, the maximum number of doctoral students per scientific advisor etc.

Regulamentul Școlii Doctorale de Economie și Administrarea afacerilor (The Regulation of the Doctoral School of Economics and Business Administration) insists on aspects related to *how to prevent fraud in scientific research, including plagiarism*, allocating an entire chapter to these elements. Thus, chap. 8 is titled *Etica cercetării și principii de prevenire a fraudei academice* (Research Ethics and Principles for the Prevention of Academic Fraud) and it contains eight articles covering essential provisions applicable in this area throughout the doctoral program.

Ensuring *access to research resources* is envisaged by the Regulamentul Școlii Doctorale de Economie și Administrarea Afacerilor (Regulation of the Doctoral School of Economics and Business Administration), which refers, in Art. 4.3(1), to Art. 16 of the *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat* (Institutional Regulation for the Organization and Operation of Doctoral Studies), which states that *during the course of the doctoral studies, doctoral students have the right ... (d) to benefit from the logistics, documentation centers, libraries and equipment of the University for the elaboration of research projects and doctoral dissertations*.

Last but not least, Regulamentul Școlii Doctorale de Economie și Administrarea Afacerilor (Regulation of the Doctoral School of Economics and Business Administration) contains provisions related to the *attendance policy of doctoral students*, articles 5.1.(1) and 5.1.(2) being relevant in this respect.

2.1.1.2. Logistic resources (A.1.2.)

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



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

IOSUD – “Alexandru Ioan Cuza” University of Iași implemented an informatics system which allows keeping track of the doctoral students and their academic background. The system is called *eSims* and it is the result of the implementation of the project *Sistem informatic integrat privind managementul activităților profesionale ale studenților în contextul transformărilor generate de procesul Bologna [Integrated informatics system for the students’ professional activities management within the context of the changes triggered by the Bologna process]*, financed by the Ministry of Education and Research ([Annex 25](#)). The system has constantly been updated and improved by the specialists working within the Department of Statistics and Computerization IOSUD-UAIC to best meet the needs of the higher education establishment.

According to *Protocolul de finalizare a proiectului [the Project completion protocol]* ([Annex 26](#)), the informatics system can be used by two categories of users: occasional users (students and professors), who have access to individual data and use the system when they need information, and “professional” users, who use the application on a daily basis, to carry out student management activities (secretariat, databases, faculty and university management, etc.).

It should be noted that IOSUD-UAIC was actively involved in the implementation of the *Official Academic Record* across the entire country, promoting and successfully completing two projects funded by CNFIS through the *Institutional Development Fund (IDF)* aimed to update the database and ensure its compatibility with the structure and constraints imposed by the *Official Academic Record*:

- IDF project entitled *Asigurarea transparenței în gestiunea studenților și implementarea Registrului Matricol Unic al Universităților din România în cadrul Universității „Alexandru Ioan Cuza” din Iași* [Ensuring transparency in student management and implementation of the Official Academic Record of Romanian Universities within the “Alexandru Ioan Cuza” University of Iași], project code: CNFIS-FDI-2016-0021, 2016, project director: Professor Liviu-George MAHA, PhD;
- IDF project entitled *Asigurarea transparenței în gestiunea studenților și implementarea Registrului Matricol Unic al Universităților din România în cadrul Universității „Alexandru Ioan Cuza” din Iași* [Ensuring transparency in student management and the implementation of the Official Academic Record of Romanian Universities within the “Alexandru Ioan Cuza” University of Iași], project code: CNFIS-FDI-2017-0084, 2017, project director: Professor Liviu-George MAHA, PhD.

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



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The “Alexandru Ioan Cuza” University of Iași has shown ongoing concern for ensuring the necessary resources to check the similarity percentage for all the works elaborated by students from all three levels of university studies, including PhD theses ([Annex 27](#)). Thus, since 2006, within IOSUD-UAIC, a special module has been used for this function within the eLearning platform Blackboard – *SafeAssign*. The “Alexandru Ioan Cuza” University of Iași was one of the first higher education institutions in Romania to invest in this area, and the only public university to acquire this e-learning platform.

The licenses to use this application have been extended on a yearly basis, through successive procurement contracts ([Annex 28](#)). In 2018, the decision to adopt another technical solution based on *Moodle* in order to secure the eLearning platform for the distance learning and part-time learning, resulted in the annual purchase of the Turnitin application ([Annex 29](#)). This ensures the access of the teaching staff from the “Alexandru Ioan Cuza” University of Iasi, including PhD advisor, to the application, and grants PhD students the opportunity to use an informatics program to verify the similarity percentage in PhD theses.

2.1.1.3. Financial resources (A.1.3.)

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

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

Upon submission of the evaluation file, IOSUD “Alexandru Ioan Cuza” University of Iasi is implementing a number of grants/ research projects or institutional development projects, which involve PhD students in field of Cybernetics and statistics, as follows:

- Project POCU/380/6/13/123623: ***Doctoranzi și cercetători postdoctorat pregătiți pentru piața muncii! [PhD students and postdoctoral researchers ready for the labor market]***, project value: 1.5 million EUR; implementation period: 2019-2021; project director: Professor Liviu-George Maha, PhD habil.
- Project POCU/380/6/13/125015: ***Dezvoltarea abilităților antreprenoriale pentru doctoranzi și postdoctoranzi în domeniul științelor economice [Developing***



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entrepreneurial skills in PhD students and postdoctoral researchers in the field of economic sciences] - acronym: InoVant, project value 6,874,227.91 RON, implementation period 2019-2021, UAIC coordinator: Professor Mircea Georgescu, PhD

*Performance indicator *A.1.3.2. The percentage of doctoral students active at the time of the evaluation, who receive, for at least six months, additional funding sources besides government funding, through scholarships awarded by individual persons or by legal entities, or who are financially supported through research or institutional/ human resources development grants is at least 20%.*

PhD students in the field of Cybernetics and statistics and forms of financing

<i>Year of study</i>	<i>PhD student</i>	<i>Form of financing</i>	<i>Other sources of financing</i>
1 ST YEAR	Donu G. Bogdan-Andrei	MEC Scholarship	
1 ST YEAR	Tudose căs. Tucaliuc V. Maria - Clara	MEC Scholarship	
1 ST YEAR	Ciubotaru C. Lucia	MEC Scholarship	
1 ST YEAR	Sîrbu E. Alexandra - Cristina	MEC Scholarship	
2 ND YEAR	Clement C.V. Claudiu	MEC Scholarship	YES
3 RD YEAR	Căunic C. Raluca - Elena	UAIC Scholarship	YES
3 RD YEAR	Crasnean căs. Lazorec I. Maria-Ionela		YES
Extension period	Grosu I. Alexandra - Claudia		YES
Extension period	Prohozescu căs. Iftimi N. Nicoleta		
Extension period	Panaite V. Nicoleta		
TOTAL	10 PhD students	1 – UAIC Scholarship	4 – other sources of financing

As it results from the table above, upon completion and submission of the evaluation file of the doctoral studies in the field of Cybernetics and statistics, **4 PhD students undergoing doctoral training** benefitted from financial support for a period of 12 months (October 2019 –



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October 2020), within projects carried out by the “Alexandru Ioan Cuza” University of Iasi, as follows:

- **Clement C.V. Claudiu, PhD student** – financial support in the form of a “PhD student entrepreneur” scholarship, in the amount of 400 EUR/ month, within the Project “Dezvoltarea abilităților antreprenoriale pentru doctoranzi și postdoctoranzi în domeniul științelor economice [Development of entrepreneurial skills for doctoral and postdoctoral students in the field of economic sciences]” – acronym: InoVant, POCU/380/6/13/125015, implementation period 24.05.2019-23.05.2021 ([Annex 30](#));
- **Căunic C. Raluca - Elena, PhD student** – financial support in the form of a “PhD student entrepreneur” scholarship, in the amount of 400 EUR/ month, within the Project “Doctoranzi și cercetători postdoctorat pregătiți pentru piața muncii! [PhD students and postdoctoral researchers ready for the labor market], POCU/380/6/13/123623, implementation period 24.10.2019-23.10.2020 ([Annex 30](#));
- **Crasnean căs. Lazorec I. Maria-Ionela, PhD student** – financial support in the form of a “PhD student entrepreneur” scholarship, in the amount of 400 EUR/ month, within the Project “Doctoranzi și cercetători postdoctorat pregătiți pentru piața muncii! [PhD students and postdoctoral researchers ready for the labor market], POCU/380/6/13/123623, implementation period 24.10.2019-23.10.2020 ([Annex 30](#));
- **Grosu I. Alexandra - Claudia, PhD student** – financial support in the form of a “PhD student entrepreneur” scholarship, in the amount of 400 EUR/ month, within the Project “Doctoranzi și cercetători postdoctorat pregătiți pentru piața muncii! [PhD students and postdoctoral researchers ready for the labor market], POCU/380/6/13/123623, implementation period 24.10.2019-23.10.2020 ([Annex 30](#)).

Moreover, **one PhD student** benefits from a monthly scholarship equivalent to the MEN scholarship, for the entire duration of the doctoral training, from the funds of the IOSUD – “Alexandru Ioan Cuza” University of Iasi, as follows:

- **Căunic C. Raluca-Elena, PhD student** – 3rd year

Thus, **4 of the 10 PhD students** undergoing their doctoral training in the field of Cybernetics and statistics within the Doctoral School of Economics and Business Administration benefit (or benefitted), for a period of at least six months, from sources of funding other than government funding, through scholarships granted by natural or legal persons, or are financially supported by research or institutional development/ human resources grants, which represents a **share of 40%** of the total number of PhD students in this field, above the lower limit of 20% provided by standards.

We also mention the fact that some of the doctoral students who completed their studies and obtained the PhD title during the evaluated period, benefitted, throughout their doctoral studies, from financial support within some projects.



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Performance indicator *A.1.3.3. At least 10% of the total amount of doctoral grants obtained by the university through institutional contracts and of tuition fees collected from the doctoral students enrolled in the paid tuition system is used to reimburse professional training expenses of doctoral students (attending conferences, summer schools, training, programs abroad, publication of specialty papers or other specific forms of dissemination etc.).

The Doctoral School of Economics and Business Administration has demonstrated, over time, a constant concern for the training of all doctoral students, including those enrolled in doctoral studies in field of Cybernetics and statistics, by involving or financially supporting their participation in various activities (conferences, workshops, research internships, etc.).

At the same time, it should be emphasized that the Doctoral School of Economics and Business Administration applies the BECA-UAIC Decision no. D2 of 07.06.2018, through which each doctoral student within IOSUD – “Alexandru Ioan Cuza” University of Iasi has the right to benefit, annually, from an amount of 3,000 RON for participation in prestigious scientific conferences in their field of specialization ([Annex 31](#)).

To verify this criterion, detailed evidence of such expenses is required at the level of each doctoral school, field of doctoral studies and doctoral student. Prior to 2018, IOSUD-UAIC, the faculties within the “Alexandru Ioan Cuza” University of Iasi and the Financial-Accounting Department would carry out this management only at IOSUD and faculty level; thus, we based our estimates on the information received from the person in charge of the SDEAA budget management – Mr Iulian CLAIN, Chief Administrator of the Faculty of Economics and Business Administration (asf@uaic.ro) (according to SDEAA Regulation). Starting with 2018, the budgets related to SDEAA were extracted separately.

Thus, the revenue related to each academic year was estimated taking into account the number of doctoral students (enrolled starting with the academic year 2016-2017) who occupy budgeted seats and the amount of a doctoral grant (about 23,000 RON, given the differences recorded over time from one academic year to another, as well as those existing between the two categories of doctoral fields managed by SDEAA), but also the tuition fees paid by doctoral students.

**Statement of revenue:
2016-2017**

- total revenue from doctoral grants (82 PhD students) – 1,414,500 RON
- total revenue from tuition fees (22 PhD students) – 92,400 RON



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2017-2018

- total revenue from doctoral grants (82 PhD students) – 1,886,000 RON
- total revenue from tuition fees (22 PhD students) – 108,000 RON

2018-2019

- total revenue from doctoral grants (82 PhD students) – 1,414,500 RON
- total revenue from tuition fees (22 PhD students) – 92,400 RON

2019-2020

- total revenue from doctoral grants (88 PhD students) – 1,602,400 RON
- total revenue from tuition fees (21 PhD students) – 126,000 RON

2020-2021

- total revenue from doctoral grants (74 PhD students) – 1,090,050 RON
- total revenue from tuition fees (37 PhD students) – 149,850 RON

In order to estimate expenses, the following were considered: participation fees for various conferences or scientific events organized by SDEAA through the Faculty of Economics and Business Administration, or events where SDEAA had the quality of partner or co-organizer that the doctoral students did not have to pay. The expenses were incurred by FEAA from its own revenues, including sponsorships; to these were added travel expenses related to the participation of SDEAA PhD students in various scientific events.

Statement of expenses:

- PhD students participating in GEBA 2015 – 30;
- PhD students participating in GEBA 2016 – 33;
- PhD students participating in GEBA 2017 – 29;
- PhD students participating in GEBA 2019 – 24;
- PhD students participating in GEBA 2020 – 2;
- PhD students participating in the ASE 2018 Conference (Sebastian TOCAR, PhD student; Mihaela STIR, PhD student) – 2;
- PhD students participating in the Creative Industries Conference (Mihaela STIR, PhD student; Carmit Moshe ROZENTHAL, PhD student; Ortal KANTOROVITZ, PhD student) – 3;
- PhD students participating in ERMAS 2018 – 4;
- **total expenses related to participation fees: 118 x 100 EUR x 4.8 RON/ EUR = 56,640 RON;**
- travel expenses related to PhD students' participation in scientific conferences (Daniela Băluțel, PhD student – 3,550 RON, Otilia Oprea, PhD student – 3,264 RON, Nicoleta Pintilie, PhD student – 4,427 RON, Nicu Sprîncean, PhD student – 6,985 RON) – 18,226



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RON; Alexandra Raluca Jelea, PhD student – 1,652 RON, Mihaela Murariu, (Pleșca), PhD student– 1,540 RON).

- Doctoral grants with non-reimbursable funds, which involved own financial resources in the form of co-financing from own revenues in an amount of:
 - Project title: “Dezvoltarea abilităților antreprenoriale pentru doctoranzi și postdoctoranzi în domeniul științelor economice [Development of entrepreneurial skills for doctoral and postdoctoral students in the field of economic sciences]”
 - Code SMIS 2014+: 125015
 - Own contribution (2%) 32,766.25 RON
 - Non-reimbursable financing 1,605,546.23 RON
 - Project title: “Identificarea și analiza așteptărilor angajatorilor și absolvenților Universității Alexandru Ioan Cuza din Iași (UAIC) privind accesul și integrarea pe piața muncii [Identification and analysis of the Alexandru Ioan Cuza University of Iasi (UAIC) employers and graduates’ expectations regarding access and integration on the labor market]”
 - Code CNFIS-FDI-2017-0316
 - Own contribution 6,500 RON
 - Project value 137,000 RON
 - Project title: “Dezvoltarea și sprijinirea spiritului antreprenorial în rândul studenților și absolvenților Universității “Alexandru Ioan Cuza” din Iasi (UAIC) [Developing and supporting the entrepreneurial spirit among the students and graduates of the “Alexandru Ioan Cuza” University of Iasi (UAIC)]”
 - Code CNFIS-FDI-2018-0048
 - Own contribution 14,000 RON
 - Project value 156,000 RON
 - Project title: “Studenții UAIC de azi - antreprenori pentru un viitor sustenabil [UAIC students today – entrepreneurs for a sustainable future]”
 - Code CNFIS-FDI-2019-0252
 - Own contribution 25,790 RON
 - Project value 250,790 RON
 - Project title: “Antreprenariat studentesc pentru o economie competitivă [Student entrepreneurship for a competitive economy]”
 - Code CNFIS-FDI-2020-0553
 - Own contribution 26,000 RON
 - Project value 196,000 RON

Total revenue from doctoral grants – 6,995,100 RON

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Total expenses for Conferences and travel –	96,284 RON
Total co-financing expenses –	72,290 RON

- **Total expenses for Grants = 168,574 RON.**

Overhead expenses:

- Organization of the National Conference of the Doctoral Schools from the Universitaria Consortium, sections Economic Sciences and Public Administration, UAIC Iasi, 27-30 June 2019
TOTAL ESTIMATE (60 PHD STUDENTS PARTICIPATING) 7730 RON
- Software for qualitative data processing ATLAS.ti Educational Single User License (PC + Mac),
pcs. 1 x 3002,37 = 3,002.37 RON
- Software for qualitative data processing NVivo 12 Plus
pcs. 1 x 3625,93 = 3,268.93 RON
- Microsoft Windows 10 Professional License pcs. 5 x 940 = 4,700 RON

Total Overhead Expenses 18,701.3 lei

The expenses incurred for conferences and other training activities for PhD students are added those occasioned by the conference organized in 2019 together with partners from Israel, namely, the Conference “Advances in social sciences research –multidisciplinary perspectives”, 23 May 2019, Holon, Israel. The conference was attended by 19 SDEAA PhD students (all years of study), the total value amounting to 9,500 RON (PhD students from Israel, enrolled at SDEAA).

We also add here the publication expenses in the Review of Economic and Business Studies (REBS, <http://rebs.feaa.uaic.ro/>), the SDEAA journal, as follows: 2020 – 5 PhD students, 2019 – 6 PhD students, 2018 – 5 PhD students, 2017 – 3 PhD students, 2016 – 3 PhD students. The total of publication expenses amounts to 11,000 RON.

Thus, the **total expenses amount to 207,775.3 RON.**



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Consequently, **the percentage computed over the total evaluation period is 2.98%**. The percentage for the period 2015-2019 was 4.37%. Given that 2020 was affected by the pandemic (on the one hand, due to the drastic fall in physical travel, and, on the other, the significant cut in spending on online conferences, plus the organization of free access conferences), we can consider that the budget allocated was correct and will increase as soon as face-to-face activities are resumed.

The percentage established at the previous evaluation was 5%, and SDEAA was close to meeting this target, reaching 4.37%. Currently, despite the failure to reach the new percentage of 10%, established and communicated (retroactively) as an evaluation standard in 2020, there is an obvious concern shown by IOSUD-UAIC, FEAA and SDEAA to support, including financially, the training of PhD students through participation in conferences, summer schools, courses, internships abroad, publication of specialized articles or other specific forms of dissemination, etc., which is a prerequisite for meeting this requirement over the next period.

2.1.2. Research infrastructure (A.2.)

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

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

The venues and the material equipment available at the Doctoral School of Economics and Business Administration allow carrying out research activities in field of Cybernetics and statistics, in line with the mission and objectives undertaken. Thus, the headquarters of the Doctoral School of Economics and Business Administration is located in Building R of the “Alexandru Ioan Cuza” University of Iasi, 14 Al. Lapusneanu Street. PhD students can use individual offices/ study rooms equipped with 10 Lenovo All-In-One desktop systems, laptops and multifunction printers. Equally, the same modern building accommodates the activities organized by SDEAA: courses, seminars, workshops, conferences, public defenses of doctoral theses, etc.; all rooms are equipped with the most modern facilities: *smartboards*, laptops, sound system, Internet connection, etc.



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In addition to the mini-library set up in the individual study room (R411) for the exclusive use of doctoral students, it should be noted that they also have access to the resources offered by the two libraries of the Faculty of Economics and Business Administration. Of these, the FEAA Library specializes in the field of Economics, but, given the variety of related subjects of study, it also holds publications in the fields of socio-politics, history, geography, as well as a collection of reference works (encyclopedias, dictionaries, monographs, legislation). The document collections consist of approximately 25,000 volumes (books and serial publications – Romanian and foreign), subscriptions to foreign and Romanian periodicals on traditional support, electronic documents and other specialized audio-visual materials; database subscriptions (InfoTrac-Custom Journals; Encyclopedias Britannica online and Universalis online). Logistics includes a network of 100 computers, 3 photocopiers, 3 printers, an e-mail server, video surveillance system, fire and security surveillance system, fingerprint access system, electronic anti-theft system for each volume. Internet browsing is provided by the University's network and it is free of charge, and the Server Department within FEAA is responsible for ensuring electronic security. The Database Department designed a publications processing library software, equipped with an online catalog and search engine.

The educational resources presented above are complemented by online databases that the SDEAA community has access to by subscription via ANELIS PLUS 2020 - *Acces National Electronic la Literatura Stiințifică pentru Susținerea Sistemului de Cercetare și Educație din România*[*National Electronic Access to Scientific Literature to Support the Research and Education System in Romania*], project co-financed by the Regional Development European Fund through the Competitiveness Operational Program 2014-2020, which provides access to databases such as: *Science Direct Freedom Collection*, *Scopus*, *SciFinder (CAS)*, *MathSciNet* etc., to which is added a significant number of other databases that can be accessed via the “Mihai Eminescu” Central University Library in Iasi.

The PhD supervisors in field of Cybernetics and statistics, as well as some of the PhD students enrolled in this field of doctoral studies are also involved in the activities of the *Research Center in Economics and Business Communication* within the “Alexandru Ioan Cuza” University of Iasi.

2.1.3. Quality of Human Resource (A.3.)

2.1.3.1. Doctoral thesis advisors (A.3.1.)

Standard A.3.1. At the level of each doctoral field, there is qualified staff with the necessary expertise to carry out the doctoral study program.

Performance indicator A.3.1.1. Minimum three doctoral thesis advisors within that doctoral domain, and at least 50% of them (but no less than three) meet the minimum



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standards of the National Council for Attestation of University Degrees, Diplomas and Certificates (CNATDCU) in force at the time when the evaluation is carried out, standards required and mandatory for obtaining the habilitation certification.

For the academic year 2020-2021, there are 4 doctoral thesis advisors who carry out doctoral supervision activities in field of Cybernetics and statistics, within the Doctoral School of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iasi. The thesis advisors obtained this quality under the regulations in force, as follows:

No.	Doctoral thesis advisor	Document certifying the quality of doctoral thesis advisor
1.	Professor Laura Asandului, PhD	4697/14.08.2009 (Annex 8)
2.	Professor Mircea Asandului, PhD	3843/04.06.2018 (Annex 9)
3.	Professor Dănuț Vasile Jemna, PhD	5191/28.09.2017 (Annex 10)
4.	Professor Elena Carmen Pintilescu, PhD	4697/14.08.2009 (Annex 8)

Four of them meet the CNATDCU minimum standards in force at the time of this evaluation report, necessary and mandatory for obtaining the habilitation certificate in field of Cybernetics and statistics, with the following scores:

No.	Doctoral thesis advisor	CNATDCU minimum standards met	Publications score (P)	Citations score (C)	Total score (S)
1.	Professor Laura Asandului, PhD	YES (Annex 12)	4,2532	6,50	10,7532
2.	Professor Mircea Asandului, PhD	YES (Annex 13)	12,8708	6,25	19,1208
3.	Professor Dănuț Vasile Jemna, PhD	YES (Annex 14)	13,4796	6,25	19,7296
4.	Professor Elena Carmen Pintilescu, PhD	YES (Annex 15)	10,9588	4,00	14,9588



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

All of the PhD supervisors **are tenured** in the *Department of Accounting, Business Information Systems and Statistics* within the Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iasi ([Annex 32](#)).

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

The teaching activities pertaining to the subjects included in the curriculum are carried out by faculty or researchers experienced in the area of study; most of them are professors or associate professors or they are certified doctoral thesis advisors.

The distribution of the teaching activities by subjects included in the curriculum for the academic year 2020-2021 is given in the table below:

No.	Subject	Subject coordinator	Academic or research titles	Doctoral advisor/ Certified
1.	<i>Epistemology</i>	Liviu-George MAHA	Professor	YES
2.	<i>Research Methodology</i>	Dumitru ZAIȚ	Professor	YES
3.	<i>Research and Analysis Methods for Quantitative Data</i>	Elena Carmen PINTILESCU	Professor	YES
		Vasile Dănuț JEMNA	Professor	YES
		Mircea ASANDULUI	Professor	YES
4.	<i>Research and Analysis Methods for Qualitative Data</i>	Adriana ZAIȚ	Professor	YES
		Claudia Iuliana STOIAN	Associate professor	NO



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5.	<i>Ethics and Academic Integrity</i>	Daniela AGHEORGHIESEI	Professor	YES
		Marius Alin ANDRIEȘ	Professor	YES
6.	<i>Advanced Research in International Economics and Business</i>	Gabriela Carmen PASCARIU	Professor	YES
		Liviu-George MAHA	Professor	YES
7.	<i>Academic Writing I</i>	Ileana Oana MACARI	Associate professor	NO
8.	<i>Academic Writing II</i>	Liviu-George MAHA	Professor	YES
		Sebastian Bogdan CĂPRARU	Professor	YES
		Alexandru ȚUGUI	Professor	YES
		Ioana Alexandra HORODNIC	Associate professor	YES
9.	<i>Doctoral Research in the Field of Management and Marketing – Quantitative pathway</i>	Andreia-Gabriela ANDREI	Associate professor	YES
		Bogdan ANASTASIEI	Associate professor	NO
		Tudor JIJIE	Lecturer	NO
10.	<i>Doctoral Research in the Field of Management and Marketing – Qualitative pathway</i>	Ioana Alexandra HORODNIC	Associate professor	YES
		Silviu Mihail TIȚĂ	Associate professor	NO
		Adriana ZAIȚ	Professor	YES
		Adriana MANOLICĂ	Professor	YES
11.	<i>Advanced Research in Finance</i>	Mihaela ONOFREI	Professor	YES
		Vasile COCRIȘ	Professor	YES
		Ovidiu STOICA	Professor	YES
		Marius Alin ANDRIEȘ	Professor	YES



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		Sebastian Bogdan CĂPRARU	Professor	YES
		Sorin Gabriel ANTON	Professor	YES
12.	<i>Categorical Data Analysis</i>	Anca Laura ASANDULUI	Professor	YES
13.	<i>Society and Technology in Economy</i>	Alexandru ȚUGUI	Professor	YES
14.	<i>Doctoral Research Sustainability</i>	Adriana PRODAN	Professor	YES
		Irina Teodora MANOLESCU	Associate professor	NO
		Radu Sebastian TUNARU	Professor	YES
		Christian Andre CORMIER	Expert	YES
		Alexandru-Cristian MINEA Marcel-Cristian VOIA	Expert Expert	YES YES

Performance indicator *A.3.1.4. The percentage of doctoral thesis advisors who concomitantly coordinate more than 8 doctoral students, but no more than 12, undergoing doctoral training, does not exceed 20%.

Within the Doctoral School of Economics and Business Administration, the share of doctoral thesis advisors in the field of Cybernetics and statistics who simultaneously coordinate more than 8 doctoral students, but not more than 12, currently undergoing doctoral training (3 years, to which can be added the legally granted extension period) is 0%.

The distribution of PhD students enrolled in the field of doctoral studies ECONOMICS during the academic year 2020-2021, by doctoral advisor, is given in the table below:

Doctoral advisors in the field of Cybernetics and statistics and number of PhD students

No.	Doctoral advisor	PhD students	PhD students (in 'extension')	Total number of PhD students
1.	Professor Laura Asandului, PhD	1	0	1
2.	Professor Mircea Asandului, PhD	2	0	2



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3.	Professor Dănuț Vasile Jemna, PhD	2	0	2
4.	Professor Elena Carmen Pintilescu, PhD	2	3	5
	TOTAL	7	3	10

2.1.3.2. Research Visibility (A.3.2.)

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

Performance indicator A.3.2.1. At least 50% of the doctoral thesis advisors in the evaluated domain have at least 5 Web of Science - or ERIH- indexed publications, in impact factor journals, or other achievements of relevant significance for that domain, including international-level contributions that indicate progress in scientific research - development - innovation for the evaluated domain. The aforementioned doctoral thesis advisors enjoy international awareness within the past five years, consisting of: membership on scientific boards of international publications and conferences; membership on boards of international professional associations; guests in conferences or expert groups working abroad, or membership on doctoral defense commissions at universities abroad or co-leading with universities abroad. For Arts and Sports and Physical Education Sciences, doctoral thesis advisors shall prove their international visibility within the past five years by their membership on the boards of professional associations, membership in organizing committees of arts events and international competitions, membership on juries or umpire teams in artistic events or international competitions.

All of the PhD thesis advisors in Cybernetics and statistics, affiliated to the Doctoral School of Economics and Business Administration, have published at least five articles in indexed Web of Science journals with not-null impact factor, as follows ([Annex 33](#), [Annex 34](#), [Annex 35](#) și [Annex 36](#)):

No.	Doctoral advisor	Web of Science Articles with IF
1.	Professor Laura Asandului, PhD	5
2.	Professor Mircea Asandului, PhD	12
3.	Professor Dănuț Vasile Jemna, PhD	8
4.	Professor Elena Carmen Pintilescu, PhD	7



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The international visibility for the last five years regarding the PhD supervisors in the field of Cybernetics and Statistics affiliated to the Doctoral School of Economics and Business Administration can be demonstrated by the following aspects ([Annex 33](#), [Annex 34](#), [Annex 35](#) și [Annex 36](#)):

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

a) *membership on scientific boards of international publications* – e.g. Mircea Asandului – Guest editor *Transformations in Business & Economics*; Carmen Pintilescu - coordonator *The Proceedings of the 11th International Conference Openness, Innovations, Efficiency and Democratization as Reconditions for Economic Development of ASECU*, Publishing House Foundation of the Cracow University of Economics, Polonia, 2015.

b) *membership on scientific boards of international conferences* - e.g. Carmen Pintilescu – member in the Scientific Committee of the *11th International Conference Openness, Innovations, Efficiency and Democratization as Reconditions for Economic Development of ASECU*, Cracow University of Economics, 10-11 September 2015, Poland.

c) Invited professor at foreign universities- Carmen Pintilescu, Dănuț Jemna, Mircea Asandului – University of Poitiers, France

d) member in international research projects - e.g. Mircea Asandului - Country Team Member for Romania *European Research Infrastructure Consortium (ERIC) – Survey of Health, Ageing and Retirement in Europe (SHARE-ERIC)*

e) Number of citations of published papers, as follows:



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No.	Doctoral advisor	Citation records: Web of Science/h- index	Citation records: Scopus/ h- index	Citation records: Google Scholar/ h-index
1	Professor Laura Asandului, PhD	98/h-index =4	27/h-index =3	131/h-index=7
2	Professor Mircea Asandului, PhD	47/h-index =4	45/h-index =4	117/h-index=7
3	Professor Dănuț Vasile Jemna, PhD	84/h-index =5	34/h-index =4	214/h-index=9
4	Professor Elena Carmen Pintilescu, PhD	22/h-index =4	23/h-index =4	154/h-index=8

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

All four of the five doctoral advisors assigned to the doctoral field Cybernetics and statistics have been scientifically active over the past five years, obtaining, throughout this time, a score higher than the standards (on each criterion and overall) according to the CNATDCU minimum standards in force at the time of assessment, necessary and mandatory for obtaining the habilitation certificate in the field of economic sciences, as follows:

No.	Doctoral advisor	Publications score (P)			Citations score (C)			Total score (S)		
		total	last 5 years	% of minimum	total	last 5 years	% of minimum	total	last 5 years	% of minimum
1.	Professor Laura Asandului, PhD (Annex 12)	4,2532	3,441	172%	6,50	6,25	520,8%	10,7532	9,691	242,2%
2.	Professor Mircea Asandului, PhD (Annex 13)	12,8708	3,859	192,9%	6,25	5,5	458,3%	19,1208	9,359	233,9%



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3.	Professor Dănuț Vasile Jemna, PhD (Annex 14)	13,4796	6,257	312,8%	6,25	5,5	458,3%	19,7171	11,757	293,9%
4.	Professor Elena Carmen Pintilescu, PhD (Annex 15)	10,9588	1,963	98,1%	4,00	3,25	270,8%	14,9588	5,213	130,3%

2.2. EDUCATIONAL EFFECTIVENESS (B)

2.2.1. Admission to doctoral school (B.1.)

2.2.1.1. Competition/Attractiveness in the admission contest (B.1.1.)

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

*Performance indicator *B.1.1.1. The ratio between the number of graduates of masters' programs of other higher education institutions, national or foreign, who have enrolled for the doctoral admission contest within the past five years and the number of seats funded by the state budget, put out through contest within the doctoral domain is at least 0.2 or the ratio between the number of candidates within the past five years and the number of seats funded by the state budget put out through contest within the doctoral studies domain is at least 1.2.*

The centralized situation of the candidates for admission to doctoral studies in field of Cybernetics and statistics, for the reported period, is presented in the following table:

Admission session	Total number of seats on contest	Number of seats funded by the state budget (MEC scholarships, UAIC scholarships and state buget – no scholarship) on contest	Number of candidates
September 2016	2	2	2
September 2017	2	1	2
September 2018	3	3	3
September 2019	2	2	2
September 2020	2	2	2
TOTAL	11	10	11



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In conclusion, the ratio between the number of candidates in the last five years (11) and the number of seats financed from the state budget in the field of Cybernetics and statistics(10) is 1.1 (below the minimum value of 1.2).

2.2.1.2. Academic, research and professional performance of PhD students (B.1.2.)

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

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

The admission contest to the doctoral study programs within the Doctoral School of Economics and Business Administration, including the Cybernetics and statistics domain, takes into account criteria related to the academic, research and professional performance of the candidates, their interest in scientific research, publications in the field, etc. At the same time, candidates have to suggest a research topic and carry out a research project based on a unitary structure at the doctoral school level. The evaluation of the research project accounts for 50% of the average in the admission contest, the remaining 50% being allocated to the interview, a mandatory component of the admission process. ([Annex 18](#))

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

Analyzing the number of doctoral students enrolled in the first year and the number of those who are still enrolled in the third year, we see that the expelling rate does not exceed 30% for any of the graduate promotions analyzed, this being 0% in the case of two of them. In this context, the average of the four annual expelling rates is 8.12%, while the rate calculated for all doctoral students considered for the four cohorts analyzed is 10%, both values being lower than the upper limit of 30% provided by the standards of ARACIS.

The dynamics of the number of doctoral students is presented in the following table:

The dynamics of the number of students

Admission year	Admitted PhD students	Number of PhD students	Number of PhD students	Expelling rate
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		after the first year	after the second year	
2015-2016	2	2	2	0%
2016-2017	2	2	2	0%
2017-2018	2	2	2	0%
2018-2019	3	3	3	0%
2019-2020	2	2	N/A	-
2020-2021	2	N/A		-
TOTAL (2015-2019)	13	11	9	0%

Situation of expelled students

Year of registration	Name of PhD student	Expelling decision
2017	DARIE I. NICOLETA	D 5/25.02.2021
2016	DIMITRIU A.G. VLAD - ALEXANDRU	D 7/25.02.2021
2016	VELICU A. VALERII	D 61/12.12.2019

2.2.2. Doctoral programs content (B.2.)

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.

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 aimed to study research methodology and/or statistical data processing in-depth.

The training program curriculum for doctoral students enrolled in the Cybernetics and statistics study domain includes at least three subjects relevant to their training in scientific research, including a subject for in-depth study of research methodology, as well as a subject aimed at statistical data processing (Annex 7):

- *Epistemology;*
- *Scientific research methodology;*
- *Research and Analysis Methods for Qualitative Data;*
- *Research and Analysis Methods for Quantitative Data;*
- *Ethics of scientific research;*



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- *Academic Writing.*

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

The training program for doctoral students enrolled in the Cybernetics and statistics doctoral domain includes a compulsory subject entitled ETHICS AND ACADEMIC INTEGRITY, which comprises 6 hours of course and 8 hours of seminar ([Annex 7](#)). It ought to be mentioned that issues related to ethics in scientific research and intellectual property are also addressed when carrying out teaching activities in other subjects from the curriculum, such as *Epistemology, Scientific Research Methodology, Academic Writing I, Academic Writing II*, etc.

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.

IOSUD –”Alexandru Ioan Cuza” University of Iasi has created mechanisms to ensure that the advanced university studies training program in Cybernetics and statistics aims at "the learning outcomes", specifying the competencies, skills and attitudes that PhD students should acquire after graduating from each discipline or through research activities. For each discipline, the course coordinator draws up a subject outline that makes specific references to the knowledge, skills, competences, responsibility and autonomy acquired by doctoral students after graduating the course, as there are evaluation mechanisms at the doctoral school level both in terms of subject outline and doctoral students' satisfaction ([Annex 37](#)).

Performance indicator B.2.1.4. During doctoral training, PhD students in the domain receive counselling/guidance from functional guidance commissions, which is reflected in written guidance and feedback or regular meetings.

Doctoral students enrolled in doctoral studies in Cybernetics and statistics benefit from the advice and guidance of functional guidance commissions. Within SDEAA, four reports are considered for following the path of doctoral students: an initial report at the end of year I, two progress reports (intermediate I and intermediate II) during year II and a final report (at the end of year III). The progress reports have four distinct sections: one completed by the doctoral student,



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one completed by the doctoral supervisor, one completed by the members of the guidance commission (each of the three members provides separate feedback) and an administrative one.

Guidance commissions are made up of doctoral advisors or professors with experience in the field of Cybernetics and statistics, as well as, depending on the specificity of the topics, by PhD supervisors or professors with relevant experience in Economic Informatics, Finance, Management, etc., that are co-opted in the guidance commissions, as follows:

PhD candidate	Guidance commission's members	Commission's activities
DONU G. BOGDAN-ANDREI	Professor Elena Carmen Pintilescu Professor Mircea Asandului Professor Marin Fotache Associate Professor Ciprian Chirilă	<i>Initial, intermediary, progress and final reports</i>
TUĐOSE căs. TUCALIUC V. MARIA - CLARA	Professor Mircea Asandului Professor Marius Alin Andrieș Professor Elena Carmen Pintilescu Associate Professor Elena Daniela Viorică	<i>Initial, intermediary, progress and final reports</i>
CIUBOTARU C. LUCIA	Professor Dănuț Vasile Jemna Professor Mircea Asandului Associate Professor Viorica Chirilă Associate Professor Elena Daniela Viorică	<i>Initial, intermediary, progress and final reports</i>
ȘIRBU E. ALEXANDRA - CRISTINA	Professor Mircea Asandului Professor Marius Alin Andrieș Professor Dănuț Vasile Jemna Professor Elena Carmen Pintilescu	<i>Initial, intermediary, progress and final reports</i>
CLEMENT C.V. CLAUDIU	Professor hab. Danut Vasile Jemnă Associate Professor Viorica Chirilă Associate Professor Iulian Romeo Ilnatov Associate Professor Elena Daniela Viorică	<i>Initial, intermediary, progress and final reports</i>
CAUNIC C. RALUCA - ELENA	Professor Laura Asandului Professor Maria Viorica Bedrule Grigoruța Professor Daniela Tatiana Agheorghiesei Associate Professor Ciprian Turturean	<i>Initial, intermediary, progress and final reports</i>
CRASNEAN căs. LAZOREC I. MARIA-IONELA	Professor Elena Carmen Pintilescu Professor Mircea Asandului Associate Professor Viorica Chirilă Associate Professor Elena Daniela Viorică	<i>Initial, intermediary, progress and final reports</i>
GROSU I. ALEXANDRA - CLAUDIA	Professor Elena Carmen Pintilescu Associate Professor Viorica Chirilă Associate Professor Elena Daniela Viorică Associate Professor Bogdan Zugravu	<i>Initial, intermediary, progress and final reports</i>
PROHOZESCU căs. IFTIMI N. NICOLETA	Professor Elena Carmen Pintilescu Associate Professor Viorica Chirilă	<i>Initial, intermediary, progress and final reports</i>



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	Associate Professor Elena Daniela Viorică Associate Professor Ciprian Chirilă	
PANAITE V. NICOLETA	Professor Elena Carmen Pintilescu Associate Professor Viorica Chirilă Associate Professor Elena Daniela Viorică Associate Professor Ciprian Chirilă	<i>Initial, intermediary, progress and final reports</i>
PhD candidates - TOTAL 10	Guidance commission members - TOTAL 13	13/10=0,76

The functionality of these guidance commissions can be proven by the fact that some PhD candidates, who publicly defended their doctoral thesis in Cybernetics and statistics or completed the doctoral training period in the evaluated period, published scientific articles or participated with presentations in various scientific events in collaboration with one of the members of the guidance commission.

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

The ratio between the number of doctoral students enrolled in the evaluated period in doctoral studies in Cybernetics and statistics and the total number of professors/researchers who provide guidance is 0,76 lower than the ratio of 3:1 set by ARACIS standards. The calculation is performed by taking into account the 10 PhD candidates in the Cybernetics and statistics doctoral domain and the 13 members of the guidance commissions (according to the Central Table from ***Performance indicator B.2.1.4.***)

2.2.3. The results of doctoral studies and procedures for their evaluation (B.3.)

2.2.3.1. PhD students' dissemination results (B.3.1.)

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

Performance indicator B.3.1.1. For the evaluated domain, the evaluation commission will be provided with at least one paper or some other relevant contribution per doctoral student who obtained the PhD title within the past 5 years. From this list, the members of the evaluation commission shall randomly select 5 such papers / relevant contributions per doctoral study domain for review. At least 3 selected papers must contain significant original contributions in the respective domain.



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The PhD students in the field of Cybernetics and statistics have constantly sought to capitalize on their research results by publishing articles, studies, books, book chapters and participating in national and international scientific events.

The elective list of articles published by doctoral students who have obtained a doctorate in the last 5 years is ([Annex 38](#)):

Mariana Hatmanu, **Cristina Căuțișanu**, Mihaela Ifrim (2020) *The Impact of Interest Rate, Exchange Rate and European Business Climate on Economic Growth in Romania: An ARDL Approach with Structural Breaks*, Sustainability, Vol.12, No. 7 ([Annex 38](#), pp. 1-23);

Elisabeta Jaba, Christiana Sandu, **Olesia Mihai**, Mihai Daniel Roman (2020) *Statistical Assessment Of The Profile Of Literature Reviews Of Research Articles In Economic Studies*, Economic Computation & Economic Cybernetics Studies & Research, Vol. 54, No. 4 ([Annex 38](#), pp. 24-38);

Ligia Jemna (2017) *Using Quantitative and Mixed Research Methods in Marketing: A Meta-Analytic Approach*, Acta Universitatis Danubius. (Economica), Vol. 13, no. 4, pp. 227-249 ([Annex 38](#), pp. 39-61);

Raluca Mardare (2015) *Romanian Family Between Traditions and Modernism*, Cross-Cultural Management Journal, No. 7, Vol. XVII, pp. 21-29 ([Annex 38](#), pp. 62-70):

Elisabeta Jaba, **Ioan-Bogdan Robu**, Costel Istrate, Christiana Brigitte Balan, Mihai-Daniel Roman (2016) *Statistical Assessment of the Value Relevance of Financial Information Reported by Romanian Listed Companies*, Romanian Journal of Economic Forecasting, Vol. 19, No. 2, pp. 27-42 ([Annex 38](#), pp. 71-86):

Ovidiu-Dragoș Tofan (2016) *Business Intelligence Security*, Review of Economic and Business Studies, vol. 9, pp. 157-169 ([Annex 38](#), pp. 87-96):

Lidia Alexa, **Marius Alexa**, Silvia Avasilcai (2015) *A Conceptual Approach Over E-Business Model Evaluation*, Review of Management and Economic Engineering, Vol. 14, No. 4 ([Annex 38](#), pp. 97-105):

Elisabeta Jaba, **Ioana-Alexandra Chirianu**, Christiana Brigitte Balan, Ioan-Bogdan Robu, Mihai Daniel Roman (2016) *The analysis of the effect of women's participation in the labor market on fertility in European union countries using welfare state models*, Economic



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Computation and Economic Cybernetics Studies and Research, vol. 50, no. 1, pp. 69-84 ([Annex 38](#), pp. 106-121):

Iuliana Gavrea Mazur (2016) *Quality Evaluation of the preschool education system in Iasi*, The 12th International Scientific Conference eLearning and Software for Education Bucharest, April 21-22, 2016, 10.12753/2066-026X-16-000 ([Annex 38](#), pp. 122-129):

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

Some of the main scientific events in which the PhD students enrolled in the Doctoral School of Economics and Business Administration in Cybernetics and statistics, who completed their doctoral studies in the evaluated period are: 35th International Business Information Management Association Conference Organizer: IBIMA, 6th AIB –CEE Chapter Annual Conference, Kaunas University of Technology, Lithuania, SCIENVIR International Conference, „Scientific Convergence and Interdisciplinarity in EU Environmental Research”, Multidisciplinary Academic Conference on Economics, Management and Marketing, Prague, Czech Republic, International Conference GEBA – Globalization and Higher Education in Economics and Business Administration, International Conference EURINT, International Conference “Current Economic Trends in Emerging and Developing Countries” (TIMTED), International Economic Conference – IECS, etc.

A selection from the list of presentations, including posters, exhibitions, made at prestigious international events (held in the country or abroad) by doctoral students who completed their doctoral studies in the evaluated period (last five years) is presented below:

1. **Cristina Căuțișanu**, Laura Asandului Analysis - *On Economic Growth And Its Determinants in EU Countries*, Xth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2017), 19-22 octombrie 2017
2. **Ioan-Bogdan Robu** - *Assessing Financial Failure Risk - a Critical Approach*, Xth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2017), 19-22 octombrie 2017
3. Elisabeta Jaba, **Ioan-Bogdan ROBU**, Ion Anghel, Mihai Roman - *Development of a Prognostic Nomogram for Bankruptcy Risk Estimation*, Xth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2017), 19-22 octombrie 2017



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4. Costel ISTRATE, **Ioan-Bogdan ROBU** - *The use of the Accounting Rules Based on Analyzing the Audit Opinions - Some Evidence on the Aero Segment Firms Listed on the Bucharest Stock Exchange*, IXth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2016), 20-23 octombrie 2016
5. **Ligia Muntean Jemna** - *Using Quantitative and Qualitative Methods Research in Marketing*, IXth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2016), 20-23 octombrie 2016
6. Elisabeta Jaba, **Ioan-Bogdan Robu**, Christiana Brigitte Balan - *The statistical assessment of the influence of financial position and performance of Romanian listed companies on their market value using Path Analysis*, VIIIth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2015), 22-24 octombrie 2015
7. **Dragos Ovidiu Tofan** - *Business Intelligence Security*, VIIIth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2015), 22-24 octombrie 2015
8. **Ligia Muntean** - *Qualitative and quantitative research in economics. What the experts say?*, VIIIth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2015), 22-24 octombrie 2015
9. **Iuliana Gavrea Mazur** - *Characteristics of the preschool education system in the European Union countries*, 4th Multidisciplinary Academic Conference, 2015, Praga, Republica Cehă
10. Elisabeta Jaba, **Ioana-Alexandra Chirianu**, Christiana Brigitte Balan, Ioan-Bogdan Robu - *The effect of female labor market participation on fertility, by Welfare State Models, in European Union*, The Tenth International Conference on Economic Cybernetic Analysis: Austerity or Development? Lessons from Global Crisis, 30-31 octombrie 2015, Academia de Studii Economice București

2.2.3.2. External scientific specialists (B.3.2.)

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

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

Starting with the 2015-2016 academic year, within the Doctoral School of Economics and Business Administration, 9 doctoral students enrolled in the Cybernetics and statistics study domain have completed and publicly defended their doctoral thesis. For each of the doctoral



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supervisors assigned to this field, the number of doctoral papers allocated to a certain scientific specialist from a higher education institution, other than "Alexandru Ioan Cuza" University of Iași, was a maximum of two for papers coordinated by the same PhD advisor ([Annex 39](#)).

PhD student name	Advisor	Date of public defense	PhD title order no.
MIHAI V. OLESIA	Elisabeta Jaba	18.07.2019	5345/25.11.2019
CĂUȚIȘANU C. CRISTINA	Laura Asandului	19.04.2019	4517/22.07.2019
MUNTEAN căs. JEMNA T. LIGIA	Carmen Pintilescu	28.09.2018	5745/28.12.2018
MARDARE RALUCA	Laura Asandului	22.09.2018	5745/28.12.2018
ROBU I. IOAN - BOGDAN	Elisabeta Jaba and Dinu Airinei	20.07.2018	5474/14.11.2018
TOFAN V. OVIDIU - DRAGOS	Dinu Airinei	17.05.2018	4193/27.07.2018
ALEXA MARIUS	Dumitru Oprea	29.09.2016	5895/28.11.2016
CHIRIANU IOANA-ALEXANDRA	Elisabeta Jaba	27.09.2016	5895/28.11.2016
MAZUR cas GAVREA MAZUR IULIANA	Elisabeta Jaba	08.09.2016	5321/29.09.2016

PhD students coordinated by Professor Laura ASANDULUI (2 doctoral papers)

No.	Scientific specialist	Home Institution	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
1.	Professor Alexandru Minea	University of Auvergne, Clermont-Ferrand				1		
2.	Professor Dorina Lazăr	„Babeș Bolyai" University of Cluj-Napoca				1		
3.	Professor Monica Roman	Bucharest University of Economic Studies			1			
4.	Professor Constanța Mihăescu	Bucharest University of Economic Studies			1			

PhD students coordinated by Professor Carmen PINTILESCU (1 doctoral papers)

No.	Scientific specialist	Home Institution	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
1.	Professor Emilia Țițan	Bucharest University of Economic Studies			1			



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2.	Professor Cristina-Rodica Boboc	Bucharest University of Economic Studies			1			
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PhD students coordinated by Professor Elisabeta Jaba (4 doctoral papers)

No.	Scientific specialist	Home Institution	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
1.	Professor Tudorel Andrei	Bucharest University of Economic Studies			1			
2.	Professor Mihai Daniel Roman	Bucharest University of Economic Studies	1		1			
3.	Professor Monica Roman	Bucharest University of Economic Studies	1			1		
4.	Professor Daniela Șerban	Bucharest University of Economic Studies	1					
5.	Professor Vergil Voineagu	Bucharest University of Economic Studies	1					
6.	Professor Ion Pârțachi	Moldodva University of Economic Studies				1		

PhD students coordinated by Professor Dinu AIRINEI (2 doctoral papers)

No.	Scientific specialist	Home Institution	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
1.	Professor Tudorel Andrei	Bucharest University of Economic Studies			1			
2.	Professor Mihai Daniel Roman	Bucharest University of Economic Studies			2			
3.	Professor Marian Dârdală	Bucharest University of Economic Studies			1			

PhD students coordinated by Professor Dumitru OPREA (1 doctoral paper)

No.	Scientific specialist	Home Institution	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
1.	Professor Mihai Daniel Roman	Bucharest University of Economic Studies	1					
2.	Professor Marian Dârdală	Bucharest University of Economic Studies	1					

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



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minimum ten doctoral theses have been presented within the past five years should be analyzed.

For the doctoral field of Cybernetics and statistics, only nine doctoral students have obtained the title of doctor in the last five years, so this performance indicator is not relevant in this evaluation process. The centralizing situation of the participation of scientific specialists from other higher education institutions in the commissions for public defense of doctoral papers elaborated by PhD students of the Doctoral School of Economics and Business Administration enrolled in the field of Cybernetics and statistics ([Annex 39](#)) is presented in the following table:

No.	Scientific specialist	Home institution	Number of commissions
1	Professor Tudorel Andrei	Bucharest University of Economic Studies	1
2	Professor Cristina-Rodica Boboc	Bucharest University of Economic Studies	1
3	Professor Marian Dârdală	Bucharest University of Economic Studies	2
4	Professor Constanța Mihăescu	Bucharest University of Economic Studies	1
5	Professor Mihai Daniel Roman	Bucharest University of Economic Studies	4
6	Professor Monica Roman	Bucharest University of Economic Studies	3
7	Professor Daniela Șerban	Bucharest University of Economic Studies	1
8	Professor Vergil Voineagu	Bucharest University of Economic Studies	1
9	Professor Emilia Țițan	Bucharest University of Economic Studies	1
10	Professor Dorina Lazăr	Babeș-Bolyai University, Cluj	1
11	Professor Alexandru Minea	University of Auvergne from Clermont-Ferrand	1
12	Professor Ion Pârțachi	Moldova University of Economic Studies	1



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2.3. QUALITY MANAGEMENT (C)

2.3.1. The Internal Quality Assurance System (C.1.)

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.

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

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

At the IOSUD level, [Procedura operațională privind evaluarea și monitorizarea internă a școlilor doctorale din cadrul Universității „Alexandru Ioan Cuza” din Iași.](#) (The Operational Procedure regarding the evaluation and internal monitoring of the doctoral schools within the “Alexandru Ioan Cuza” University of Iași) was approved. It establishes the procedure of internal evaluation of the doctoral schools and of the domains of doctoral studies in order to accredit and periodically evaluate them according to Metodologia de evaluare a studiilor universitare de doctorat (The Methodology of Evaluation of Doctoral University Studies) elaborated in accordance with the legislation in force. The application of the procedure is materialized in the form of periodic reports made at the level of the Doctoral School.

[Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat](#) (The Institutional Regulation for the Organization and Functioning of Doctoral University Studies) establishes internal quality assurance policies that apply to all doctoral schools at UAIC.

At the level of the Doctoral School of Economics and Business Administration, the permanent evaluation of the activity is regulated by Regulamentul de funcționare al școlii doctorale (The Regulation of Operation of the Doctoral School) and represents one of the objectives in Planul strategic al Facultății de Economie și Administrarea Afacerilor (The Strategic Plan of the Faculty of Economics and Business Administration).



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

At the level of the Doctoral School of Economics and Business Administration, the *Questionnaire for Assessing the Quality of Doctoral Studies* is administered annually. The conclusions drawn from this mechanism for collecting feedback from doctoral students are mentioned in the report devised by the internal commission for evaluating the activity of the doctoral school:

- The doctoral students from the Doctoral School of Economics and Business Administration deem the activity of the doctoral school as very good, being satisfied with the collaboration with the doctoral advisors and the members of the guidance commission, as well as with the administrative staff.
- The frequency of meetings with the doctoral advisor is about 2 meetings per week and when necessary.
- The doctoral students have presented some suggestions for the continuous improvement of the academic and administrative activity, among which we mention: the organization of optional courses, the extension of the existing book fund, the opening of a dialogue with other doctoral schools within IOSUD-UAIC and beyond etc.

The report of the internal evaluation commission contains a series of recommendations that are transposed in the action plan proposed within the strategies and procedures implemented at the level of the Doctoral School of Economics and Business Administration as measures to continuously improve, beyond the minimum standards, the quality of the Cybernetics and statistics doctoral study program.

Specifically, the SDEAA Report for the 2012-2017 period ([Annex 5](#)) includes the results of an analysis conducted between March-April 2017 on 31 graduates (31 valid answers out of the 33 received). It was carried out by distributing a questionnaire in order to obtain feedback from doctoral students on the quality of the doctoral process and the quality of doctoral guidance, as follows:

- doctoral student's decision to enroll in the SDEAA study program - alternative to plan "0";
- quality of the program - according to expectations, with too much emphasis on other activities;
- research environment - more competitive than collaborative;



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- pressure to work - stress and loneliness;
- final customer satisfaction - grade 4/5;
- quality of doctoral guidance— normal, with emphasis on autonomy and independence of the doctoral student.

2.3.2. Transparency of Information and Accessibility of Learning Resources (C.2.)

2.3.2.1. Availability of information of public interest (C.2.1.)

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

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

- (a) the Doctoral School regulation;*
- (b) the admission regulation;*
- (c) the doctoral studies contract;*
- (d) the study completion regulation including the procedure for the public presentation of the thesis;*
- (e) the content of training program based on advanced academic studies;*
- (f) the academic and scientific profile, thematic areas/research themes of the Doctoral advisors within the domain, as well as their institutional contact data;*
- (g) the list of doctoral students within the domain with necessary information (year of registration; advisor);*
- (h) information on the standards for developing the doctoral thesis;*
- (i) links to the doctoral theses' summaries to be publicly presented and the date, time, place where they will be presented; this information will be communicated at least twenty days before the presentation.*

Information of interest to doctoral students and information of public interest is available for consultation on the [Universității](#) (University's) website and on the *Doctoral School* website. This information concerns: the doctoral school regulations; admission regulations; doctoral studies contract; the regulations for completing the studies, including the procedure for the public defense of the thesis; the content of study programs; the scientific profile and thematic areas / research themes of the doctoral advisors within the domain, as well as their institutional contact data; list of doctoral students within the domain with basic information (year of registration; advisor); information about the standards for the elaboration of the doctoral thesis.



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The website of the *Doctoral School of Economics and Business Administration* is doctorat.feaa.uaic.ro. The section presenting doctoral studies includes information on:

- the regulation regarding the activity of doctoral studies at the level of the doctoral school;
- the list of active members of the doctoral school with the contact details and the research field of interest;
- the minimum standards for obtaining the enabling certificate;
- the content of the advanced university training program.

The second section contains information on admission to doctoral studies:

- the admission methodology, elaborated annually;
- the topics for admission;
- the manner of conducting the admission exam;
- information on the admission contest schedule, fees, number of seats and the content of the file.

The Doctoral School's website also includes *sections for announcements* regarding the presentation of research reports, which is public according to the school's regulations, and of doctoral theses.

"Alexandru Ioan Cuza" University of Iasi offers doctoral students the opportunity to access the following databases: Science Direct Freedom Collection, Scopus, SciFinder (CAS), MathSciNet, etc., while through the Central University Library "Mihai Eminescu" in Iasi, they also have access to other representative databases, such as: SpringerLink Journals, ProQuest Central, Emerald Journals, Science Journals, Thompson Reuters, Oxford Journals, SAGE Journals HHS Collection, EBSCO, Wiley Journals etc.

Students and academics have free access to the most important online scientific documentation resources worldwide, including: Clarivate Analytics (Web of Science + Derwent Innovation + Journal Citation Report), Science Direct, SCOPUS, MatSciNet, SciFinder, ScinceDirect National Archives, ScinceDirect. Free access is allowed as a result of UAIC's participation as a contributing member in the project "Electronic National Access to Scientific Literature to Support the Research and Education System in ROMANIA - ANELIS PLUS 2020" (ANELIS PLUS 2020 - 2017 Contract Annex).

The university ensures through its own resources, financial and scientific expertise, the publication of 56 scientific journals, most of them published annually (<http://www.uaic.ro/cercetare/publicatii-stiintifice/>).

Since 2006, within IOSUD-UAIC, a special module has been used to verify the percentage of similarity for the works developed by students from all three cycles of university studies (bachelor, master, doctorate) within the Blackboard - *SafeAssign* e-learning platform, the "Alexandru Ioan Cuza" University of Iasi being among the first higher education institutions in Romania to invest in this direction and the only public university to purchase this e-learning platform ([Annex 27](#)).



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Licenses to use this application have been extended annually by successive procurement contracts ([Annex 28](#)). In 2018, with the decision to adopt another technical solution based on Moodle to provide the e-learning platform to distance- and part-time learning students, the *Turnitin* application was purchased ([Annex 29](#)). Thus, access is ensured for all professors, including doctoral advisors, at the “Alexandru Ioan Cuza” University of Iasi, as well as for doctoral students (with the consent of their doctoral advisor) to an electronic system which can be used to verify the degree of similarity with other existing scientific or artistic creations.

2.3.2.2. Access to the resources necessary to carry out doctoral studies (C.2.2.)

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

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

"Alexandru Ioan Cuza" University of Iasi offers doctoral students the opportunity to access the following databases: Science Direct Freedom Collection, Scopus, SciFinder (CAS), MathSciNet, etc., while through the "Mihai Eminescu" Central University Library in Iasi they also have access to other representative databases, such as: SpringerLink Journals, ProQuest Central, Emerald Journals, Science Journals, Thompson Reuters, Oxford Journals, SAGE Journals HHS Collection, EBSCO, Wiley Journals etc.

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.

IOSUD –“Alexandru Ioan Cuza” University of Iași has shown a continuous concern for ensuring the necessary resources to verify the percentage of similarity for the works developed by students from all three cycles of university studies, including those of doctoral theses ([Annex 27](#)). Thus, since 2006, at IOSUD-UAIC, the special module for this functionality has been used within the e-learning platform Blackboard - *SafeAssign*, the “Alexandru Ioan Cuza” University of Iași being among the first higher education institutions in Romania investing in this direction and the only public university that purchased this e-learning platform.

The necessary licenses to use this application have been extended annually, through successive procurement contracts ([Annex 28](#)), so in 2018, with the decision to adopt another technical solution based on Moodle to provide the e-learning platform to distance- and part-time



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learning students, the *Turnitin* application was purchased ([Annex 29](#)). Thus, access is ensured for all professors, including doctoral advisors, at the “Alexandru Ioan Cuza” University of Iași, as well as for doctoral students (with the consent of their doctoral advisor) to an electronic system which can be used to verify the degree of similarity with other existing scientific or artistic creations.

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

All doctoral students enrolled in the Cybernetics and statistics doctoral program have access to the research infrastructure available within IOSUD - Alexandru Ioan Cuza University of Iasi, this being one of the rights of the doctoral student, as they are formulated in art. 16 of *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat* (The Institutional Regulation for the organization and functioning of doctoral studies), which stipulates that during the doctoral studies, the doctoral student has the right ... (d) to benefit from the logistics, documentation centers, libraries and equipment of the University for the elaboration of research projects and doctoral thesis. For SDEAA laboratories and the research infrastructure available to its doctoral students in general, there is an appropriate access and conduct regulation displayed in each room.

2.3.3. Degree of Internationalization (C.3.)

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

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

In the process of internationalization of studies, the "Alexandru Ioan Cuza" University of Iasi concluded 845 agreements with 386 universities in 31 European countries. Since 2015, 68



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inter-institutional collaboration agreements have been concluded with universities and research institutions. Based on these agreements, doctoral supervisors and doctoral students of doctoral schools within IOSUD-UAIC can benefit from teaching, study and practice mobilities.

The Doctoral School of Economics and Business Administration has concluded mobility agreements with 25 universities abroad ([Annex 40](#)), which offers doctoral students the opportunity to develop their professional skills and scientific research, as well as the international dimension of doctoral studies.

During the reporting period, 4 doctoral PhD students enrolled within the Cybernetics and statistics programme carried out study mobilities within the Erasmus Program:

Academic year	PhD Student	University
2015-2016	CHIRIANU IOANA-ALEXANDRA	Universita degli Studi di Perugia, Italia
2016-2017	MUNTEAN căs. JEMNA T. LIGIA	Universita degli Studi di Perugia, Italia
2016-2017	PANAITE V. NICOLETA	Universite d'Orleans, Franța
2017-2018	VELICU A. VALERII	Université d'Auvergne Clermont 1, Franța

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

Within the Doctoral School of Economics and Business Administration, in general, and in the field of Cybernetics and statistics doctoral studies, in particular, there is a constant concern which is supported, including financially, for the organization of international co-tutelage doctorates and for inviting first rank experts to deliver courses / lectures to doctoral students.

A selection of the main personalities who have delivered courses or lectures, including doctoral students in the Cybernetics and statistics domain within the Doctoral School of Economics and Business Administration, is presented in the following table:

Name and title	Home Country	Home University	Year
Prof. Helder Sebastião	Portugal	University of Coimbra	2020
Prof. Anup Srivastava	Canada	University of Calgary	2019
Prof. Luminita Enache	Canada	University of Calgary	2019
Prof. Sławomir Śmiech	Poland	Cracow University of Economics	2019
Prof. Marek A. Dąbrowski	Poland	Cracow University of Economics	2019
Prof. Luis Palma Martos	Spain	Universidad de Sevilla	2018



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Prof. Ion Lapteacru	France	Université de Bordeaux	2018
Prof. Radu Tunaru	UK	University of Kent	2018
Prof. Marta C. N. Simões	Portugal	University of Coimbra	2018
Prof. Michel Rod	Canada	Carleton	2018
Prof. Peter Nijkamp	The Netherlands	Vrije Universiteit Amsterdam	2018
Prof. Adelaide Duarte	Portugal	University of Coimbra	2018
Prof. Francisco Santo dos Guedes	Norway	Norwegian School of economics	2016
Prof. Albert Lee Chun	Australia	University of Queensland	2016

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

During the evaluated period, both at the level of IOSUD - “Alexandru Ioan Cuza” University of Iași, and within the Doctoral School of Economics and Business Administration, efforts were made and concrete measures were taken to internationalize the activities within the doctoral studies. Thus, Prof. Elio BORGONOVİ, PhD, from Bocconi University, Italy was co-opted in the Doctoral School Council, as numerous conferences and scientific events with a very important international presence were organized during the evaluated period.

Moreover, at the Doctoral School of Economics and Business Administration and the Faculty of Economics and Business Administration levels, conferences and other scientific events which support the internationalization of doctoral studies in Cybernetics and statistics (for example, the Globalization and Higher Education in Economics and Business Administration series of international conferences) are organized regularly.

Since 2017, Professor Adriana Zaiț, Director of SDEAA, has participated in the regular meetings of the Doctoral Studies Group within the Coimbra Network, of which UAIC is part, the information obtained being disseminated and used to improve SDEAA's internationalization strategies.



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3. STRATEGIES AND PROCEDURES IMPLEMENTED AT THE UNIVERSITY DOCTORAL STUDIES LEVEL, AS MEASURES TO CONTINUOUSLY IMPROVE THE QUALITY OF DOCTORAL PROGRAMS

The permanent evaluation of the activity within the Doctoral School of Economics and Business Administration is regulated by Regulamentul de funcționare a școlii doctorale (The Regulation of Operation of the Doctoral School) and represents one of the objectives stipulated in Planul strategic al Facultății de Economie și Administrarea Afacerilor (The Strategic Plan of the Faculty of Economics and Business Administration).

SDEAA and the Cybernetics and statistics doctoral domain aim at a positive and balanced long-term development, raising interest towards high quality doctoral research, both on the part of the candidates for enabling and of doctoral students, as well as the coordinators and representatives of the economic and social environment.

The strategies and procedures implemented at the level of the Doctoral School of Economics and Business Administration, as measures to continuously improve the quality of the Cybernetics and statistics doctoral study program, are:

- For better training of doctoral students, the curriculum has been adjusted, significantly increasing the share of optional disciplines in all areas of specialization of the SDEAA. Although there are difficulties in managing the multiple study routes, the gains from interdisciplinary training are higher in the long run and are worth the effort.

- SDEAA scientific seminars and workshops have been uninterruptedly organised since their introduction at the establishment of the doctoral school, with the participation of professors and researchers from abroad (France, Canada, The Netherlands, Germany, Poland, etc.).

- During the pandemic, PhD students participated online in a whole series of webinars, organized at universities in the country and abroad by E-nformartion, WOS-Clarivate, EUA, Coimbra Group.

- Since 2010, SDEAA has been using software to verify the authenticity of all doctoral students' work. All types of papers are verified using the Turnitin platform: conference materials supported by doctoral grants, progress reports throughout the doctoral process and the final thesis developed by each doctoral student.

- Efforts to improve the quality of coordination activities are encouraged and supported - for doctoral advisors and members of guidance committees. The FEAA covers 500 euros' worth of training or participation fees at specialized conferences per academic year for each professor.

Short- and medium-term goals include:

- Encouraging doctoral students to continue publishing in indexed journals coordinated by SDEAA (REBS indexed in various BDI – international databases) or FEAA (SAEB - indexed in ESCI), but also to focus on other well-indexed journals from abroad, for a more significant increase in visibility of doctoral students' research



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- Attracting MA students to join doctoral research teams, in order to increase the interest in doctoral studies, on the one hand, and to ensure an earlier start of research (during master's studies), on the other hand, allowing a better and faster evolution of research during the doctoral program
- Encouraging coordinators to publish more in Western indexed journals, according to the same idea of increasing visibility, and to provide viable models for doctoral students (without neglecting the development of Romanian or Eastern European indexed publications, since collaboration with and integration in the scientific landscape specific to the Eastern European cultural area are important for perfecting the identity of Romanian doctoral programs)
- Developing and providing training modules in English, to attract a larger number of doctoral students from abroad
- Encouraging multi- and interdisciplinary research (the first steps have already been taken by increasing the number of optional courses, including those from other UAIC faculties, and by participating in joint events); we intend to organize joint doctoral seminars and workshops in the fields of social sciences: Economics and Business Administration, Psychology, Sociology, etc. – made possible through the involvement of IOSUD and the support of a strategy to increase interdisciplinarity within the UAIC.

The medium- and long-term objectives aim at:

- The inclusion of additional modules for the development of transversal skills and “soft” competencies in the SDEAA curricula, in order to better prepare doctoral students for multiple careers, inside and especially outside the academic environment, following their doctoral and post-doctoral studies, starting from the findings in the latest studies in the field of reducing the precariousness of researchers' careers (see [OECD Report - Reducing the precarity of academic research careers](#), May 2021)
- The rethinking of the programs and, implicitly, the doctoral research careers in the field of Economics and Business Administration, moving away from the emphasis on rankings, competition and strictly quantitative metrics towards collaboration for transdisciplinary research projects (by combining basic and applied research with the participation of broader interest groups –the business sector, community and citizen organizations, decision makers at administrative and political levels etc.), taking into consideration the qualitative aspects and the societal impact in academic evaluations (an example is the OUTDOC project in which doctoral and postdoctoral researchers of SDEAA were involved; we, however, would like an increase in such initiatives)
- Consulting with the Ministry of Education (ME), the Executive Unit for the Financing of Higher Education, Research, Development and Innovation (UEFISCDI) and the National Council for Attestation of University Degrees, Diplomas and Certificates (CNATDCU) for the rethinking of the evaluation criteria and the manner of conducting doctoral reports and theses in view of true encouragement of interdisciplinary collaborations, alongside the inclusion and diversity strategies



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(the pandemic has showed that the quality and flexibility objectives in assessing the evolution and evaluations of the doctoral progress can be ensured at the same time, allowing for a better participation of foreign doctoral students, representatives of minorities or female doctoral researchers, more strongly affected in times of crisis)

- Initiating debates and consultation sessions (among universities, ministries, other specialized institutions) aimed at the recognition of previous professional experience and research skills acquired in practice in the process of recruiting doctoral students. Similarly, we would like to apply the principles of flexible trajectories and micro-credentials to the whole academic course - including for doctoral students (see, for example, the recommendations of the EUA Council of Doctoral Education and The Magna Charta Observatory, in collaboration with the European University Association - 'European Universities 2030: Vision and Values <https://www.eua.eu/downloads/publications/universities%20without%20walls%20%20a%20vision%20for%202030.pdf>) ; the new Magna Charta Universitatum MCU 2020

- Continuing the efforts to internationalize doctoral education, made possible through the collaboration of universities, the Ministry of Education and specific coordination and evaluation bodies, for easier recognition of previous diplomas and different educational backgrounds, as well as for greater flexibility of research programs (see the discussions at DSWG level - Coimbra Doctoral Working Group, YEBO! projects and the SASUF conference organized within the Yebo! project, with the “Ethics of Research in the Digital Age” and Supervision of PhD Studies in the Digital Age and Covid-19 Era” debates; the joint working meeting of the DSWG and the Research Support Officer Group, in association with NUI Galway, which addressed topics related to recent developments in the European Research Area, including Research & Innovation Days, issues related to HR Excellence in Research Award (UAIC has attained this recognition - 56% of universities that have participated in the survey have this accreditation, 9% are under analysis and 35% do not have it); debates have also been organized on the topics of personal development of researchers and the researcher profession). A better exploitation of the potential of universities within the ERA is desired, with proposals aiming at: the modernization of universities in terms of education (a collaboration between the European Education Area - EEA and the European Research Area - ERA), research-development and missions to serve the interests of society, the adoption of a toolkit to facilitate cross-border collaborations, an appropriate investment strategy and the protection of academic freedom. Researchers aim at the diversification of careers, a better evaluation of results (research assessment) and a tenure-track system, all to increase the attractiveness of a career in research and the researcher profession.

- The harmonization, as far as possible, of doctoral education in Economics and Business Administration with the principles of AACSB (the institution for evaluation and accreditation at international level for business schools in general, including doctoral education); the analyzes carried out show that the field of doctoral education remains rigid all over the world, with barriers to innovation arising mainly from the inherent traditions of the field, with dominant patterns



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maintained by inflexible reward structures and rigid accreditation and ranking standards. We would like to see more flexible standards with a view to developing professional doctoral programs in business, with clear principles of recognized applied research quality, for an increase in the number of doctoral students outside the academic sphere and a better application of research results in practice. We intend to initiate debates on topics related to the admission of doctoral students who do not aim at academic or basic research careers (an “executive” type of doctorate, for example), the acceptance of different thesis formats (such as monographs, which we have at present, or the “three papers” type - relevant articles published in indexed journals), the adaptation of doctoral programs to new generations of students, including the “mature” students, “consortium” type courses, with a higher degree of interdisciplinarity and flexibility, increased digitalization and a larger online offer, which is possible in the field of Cybernetics and statistics.

- Initiating the procedures for the recognition of doctoral courses in a modular system, with distinct recognition (without the obligation to complete the entire doctoral program, based on the model of certified or micro-credential courses)
- Continuing the efforts to apply the Salzburg principles in real life (excellence in research, an attractive institutional environment, options for an interdisciplinary path that would allow greater mobility of doctoral students between programs in different fields, greater exposure to the economic environment and different sectors other than the academia, building international networks, providing more educational opportunities in the field of transferable skills, more complex quality assessment).



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4. ANNEXES

Annex 1. Documente de înființare ale Universității „Alexandru Ioan Cuza” din Iași (Decretul de înființare a Universității „Alexandru Ioan Cuza” din Iași și Transcrierea decretului de înființare a Universității „Alexandru Ioan Cuza” din Iași)

Annex 2. Document de înființare a IOSUD-UAIC (H.G. 567/2005)

Annex 3. Document de înființare a Școlii Doctorale de Economie și Administrarea Afacerilor (H.S. 3/01.09.2005)

Annex 4. Hotărâri ale Senatului Universității „Alexandru Ioan Cuza” din Iași privind conducerea Școlii Doctorale de Economie și Administrarea Afacerilor (H.S. 3/27.07.2017, H.S. 7/27.05.2021)

Annex 5. Rapoarte de autoevaluare realizate la nivelul Școlii Doctorale de Economie și Administrarea Afacerilor (Raportul de autoevaluare al SDEAA – 2016, Raportul de autoevaluare al SDEAA – 2019 și Raportul Consiliului Școlii Doctorale al SDEAA pentru perioada 2012-2017)

Annex 6. Regulamente aplicate la nivelul Școlii Doctorale de Economie și Administrarea Afacerilor (*Regulamentul privind desfășurarea studiilor universitare de doctorat la Școala Doctorală de Economie și Administrarea Afacerilor*, aprobat în ședința CSUD din 18.07.2013 și *Regulament privind desfășurarea activităților la Școala Doctorală de Economie și Administrarea Afacerilor*, aprobat în ședința CSUD din 07.03.2018)

Annex 7. Planul de învățământ al programului de studii universitare de doctorat Cibernetică și statistică

Annex 8. OMECT 4697/14.08.2008 privind confirmarea calității de conducător de doctorat – prof. univ. dr. Laura Asandului și prof. univ. dr. Elena Carmen Pintilescu

Annex 9. OMEN 5191/28.09.2017 privind acordarea atestatului de abilitare – prof. univ. dr. habil. Dănuț Vasile Jemna

Annex 10. OMEN 3843/04.06.2018 privind acordarea atestatului de abilitare – prof. univ. dr. habil. Mircea Asandului

Annex 11. Hotărâri de Senat privind afilierea la Școala Doctorală de Economie și Administrarea Afacerilor – prof. univ. dr. habil. Dănuț Vasile Jemna și prof. univ. dr. habil. Mircea Asandului

Annex 12. Fișă de îndeplinire a standardelor minimale CNATDCU – prof. univ. dr. Laura Asandului

Annex 13. Fișă de îndeplinire a standardelor minimale CNATDCU – prof. univ. dr. habil. Mircea Asandului

Annex 14. Fișă de îndeplinire a standardelor minimale CNATDCU – prof. univ. dr. habil. Dănuț Vasile Jemna

Annex 15. Fișă de îndeplinire a standardelor minimale CNATDCU – prof. univ. dr. Elena Carmen Pintilescu

Annex 16. Regulamente instituționale de organizare și funcționare a studiilor universitare de de doctorat în cadrul IOSUD (*Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat al IOSUD-UAIC*, aprobat în ședința Senatului Universității „Alexandru



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Ioan Cuza” din Iași la data de 25.04.2013, *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat*, aprobat în ședința Senatului Universității „Alexandru Ioan Cuza” din Iași la data de 27.06.2017, *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat*, aprobat în ședința Senatului Universității „Alexandru Ioan Cuza” din Iași la data de 28.06.2018, *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat*, adoptat în ședința Senatului Universității „Alexandru Ioan Cuza” din Iași din 27.06.2019 și *Regulamentul instituțional de organizare și funcționare a studiilor universitare de doctorat*, adoptat în ședința Senatului Universității „Alexandru Ioan Cuza” din Iași din 30.04.2020)

Annex 17. Propunere CSUD de numire a directorilor de școli doctorale din cadrul IOSUD

Annex 18. Metodologii de admitere la studii universitare de doctorat – IOSUD (*Metodologia privind organizarea și desfășurarea admiterii în ciclul de studii universitare de doctorat pentru anul universitar 2016-2017*, aprobată prin Hotărârea Senatului Universității „Alexandru Ioan Cuza” din Iași nr. 10 din 31.03.2016, *Metodologia privind organizarea și desfășurarea admiterii în ciclul de studii universitare de doctorat pentru anul universitar 2017-2018*, aprobată în ședința Senatului Universității „Alexandru Ioan Cuza” din Iași din 26.01.2017, *Metodologia privind organizarea și desfășurarea admiterii în ciclul de studii universitare de doctorat pentru anul universitar 2018-2019*, aprobată prin Hotărârea Senatului Universității „Alexandru Ioan Cuza” din Iași nr. 5 din 25.01.2018, *Metodologia privind organizarea și desfășurarea admiterii în ciclul de studii universitare de doctorat pentru anul universitar 2019-2020*, aprobată prin Hotărârea Senatului Universității „Alexandru Ioan Cuza” din Iași nr. 13 din 14.02.2019, *Metodologia privind organizarea și desfășurarea admiterii în ciclul de studii universitare de doctorat pentru anul universitar 2020-2021*, aprobată prin Hotărârea Senatului Universității „Alexandru Ioan Cuza” din Iași nr. 10 din 30.01.2020 și *Probele concursului de admitere on-line pentru doctorat și a criteriilor de departajare, anul universitar 2020-2021*, aprobate prin Hotărârea Senatului Universității „Alexandru Ioan Cuza” din Iași nr. 5 din 23.07.2020)

Annex 19. *Procedură operațională privind finalizarea studiilor universitare de doctorat, depunerea tezei de doctorat în vederea susținerii publice online pentru perioada stării de urgență și a eventualelor consecințe care decurg din aceasta*, aprobată în ședința Senatului Universității „Alexandru Ioan Cuza” din Iași din 30.04.2020

Annex 20. Procedură de sistem privind recunoașterea automată de către Universitatea „Alexandru Ioan Cuza” din Iași a calității de conducător de doctorat obținută în instituții de învățământ universitar acreditate din străinătate

Annex 21. Procedură de sistem privind recunoașterea de către Universitatea „Alexandru Ioan Cuza” a diplomei de doctor și a titlului de doctor în științe sau într-un domeniu profesional obținute în instituții de învățământ universitar acreditate din străinătate

Annex 22. Procese Verbale ale ședințelor CSD pentru perioada 2016-2021



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Annex 23. Contracte de studii universitare de doctorat (Contract de studii universitare de doctorat – 2016, Contract de studii universitare de doctorat – 2017, Contract de studii universitare de doctorat – 2018, Contract de studii universitare de doctorat – 2019 și Contract de studii universitare de doctorat – 2020)

Annex 24. Act adițional la contractul de studii universitare de doctorat – 2018

Annex 25. Contract de finanțare pentru execuție proiecte (*eSims*) nr. 142 din 27.09.2004

Annex 26. Protocol de finalizare a proiectului *Sistem informatic integrat privind managementul activităților profesionale ale studenților în contextul transformărilor generate de procesul Bologna*

Annex 27. Cerere desemnare persoană responsabilă pentru verificarea în SafeAssign a tezelor de doctorat nr. 9208 din 08.06.2016

Annex 28. Contracte de achiziție a platformei *Blackboard* (Contract de achiziție – *Blackboard* (2016) și Contract de achiziție – *Blackboard* (2017))

Annex 29. Contracte de achiziție – *Turnitin* (Contract de achiziție – *Turnitin* (2018), Contract de achiziție – *Turnitin* (2019) și Contract de achiziție – *Turnitin* (2020))

Annex 30. Adeverințe privind activitatea desfășurată de doctoranzii din domeniul Cibernetică și statistică în cadrul proiectelor implementate de Universitatea „Alexandru Ioan Cuza” din Iași

Annex 31. Hotărârea Biroului Executiv al Consiliului de Administrație nr. D2 din 07.06.2018 privind alocarea de fonduri pentru activitatea de cercetare desfășurată de doctoranzi

Annex 32. Adeverințe titular IOSUD-UAIC

Annex 33. CV și Lista de lucrări – prof. univ. dr. Laura Asandului

Annex 34. CV și Lista de lucrări – prof. univ. dr. habil. Mircea Asandului

Annex 35. CV și Lista de lucrări – prof. univ. dr. habil. Dănuț Vasile Jemna

Annex 36. CV și Lista de lucrări – prof. univ. dr. Elena Carmen Pintilescu

Annex 37. Fișele disciplinelor

Annex 38. Articole selectate doctori Cibernetică și statistică 2016-2020

Annex 39. Procese Verbale susținere publică doctori Cibernetică și statistică 2016-2020

Annex 40. Lista acordurilor ERASMUS – SDEAA

The file comprises 103 (one hundred and three) pages.

Date:
10.06.2021

Doctoral School Director,

Professor Adriana ZAIȚ, PhD