

**"ALEXANDRU IOAN CUZA" UNIVERSITY OF IAȘI**

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Registration No. UAIC

Registration No. ARACIS

To: ARACIS COUNCIL

The Board of Directors of the “Alexandru Ioan Cuza” University of Iași decided that under the legal provisions in force and based on the *Guide for carrying out the process of periodic external evaluation of doctoral schools*, respectively the *Guide for carrying out the process of periodic external evaluation of fields of doctoral studies*, to request the initiation of the procedures for periodic external evaluation of doctoral studies for the following doctoral schools and the following fields of doctoral studies:

No.	Doctoral school	The fields of doctoral university studies in the structure	Person in charge (name, surname, email, telephone)	Nr. of doctoral supervisors/field
1.	Doctoral School of Economics and Business Administration (SDEAA)	1.		
		2.		
		3.		
		4.		
		5.		
		6. <i>Business Information Systems (BIS)</i>	prof. Alexandru Țugui, Ph.D. Habil. altug@uaic.ro 0745 307833 lect. Daniel Homocianu, Ph.D. Habil. daniel.homocianu@feaa.uaic.ro 0744 523842	10
		...		

Director of the Council for Doctoral Studies (CSUD)

is **prof. Ionel MANGALAGIU, Ph.D.**

having the following contact details:

- Phone: 0232 201014
- E-mail: ionelm@uaic.ro

We mention that we have taken note of the value of the tariffs included in the **ARACIS Council Decision no. 2 of 28.01.2021 regarding the approval of the tariffs related to the external evaluation of doctoral university studies:**

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

RECTOR,**prof.univ.dr. Tudorel TOADER, Ph.D.**



INTERNAL EVALUATION REPORT

Data presented to the ARACIS Accreditation Department by:

Faculty:

FACULTY OF ECONOMICS AND BUSINESS ADMINISTRATION

The field of doctoral university studies:

BUSINESS INFORMATION SYSTEMS

Contact persons: prof. Alexandru Țugui, Ph.D. Habil; lect. Daniel Homocianu, Ph.D. Habil

E-mail: altug@uaic.ro ; daniel.homocianu@feaa.uaic.ro

Phone: 0745 307833; 0744 523842

The data contained in this Report are complete, correct, and under the principles of professional ethics.

Doctoral School Director,

prof. Adriana ZAIȚ, Ph.D.

CSUD Director,

prof. MANGALAGIU, Ph.D.



May 2021

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1. GENERAL INFORMATION

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

1.1.1. Establishment of SDEAA

"Alexandru Ioan Cuza" University of Iasi (<https://www.uaic.ro/despre-uaic/documentele-universitatii/> or tinyurl.com/3x23pv9u) is the oldest higher education institution in Romania. Established on October 26, 1860 ([APPENDIX 1](#) or <https://www.uaic.ro/despre-uaic/documentele-universitatii/actul-de-infiintare>), shortly after the Union of the Romanian Principalities in 1859, the University of Iași opened the modern stage of national higher education. As the first academic institution, the University of Iași thus became the center of polarization of intellectual forces in all Romanian provinces, making possible the assertion and development on a national basis of education, culture, and science. The "Alexandru Ioan Cuza" University of Iași is currently a distinct academic community, which operates under conditions of university autonomy and academic democracy.

IOSUD-„Alexandru Ioan Cuza” University of Iași was created in May 2005, replacing IOD-UAIC, according to the legislation in force ([APPENDIX 2](#) and www.uaic.ro/biroul-doctorate/). In this context, on September 1, 2005, the **Doctoral School of Economics and Business Administration (SDEAA)** was established ([APPENDIX 3](#) or <https://doctorat.feaa.uaic.ro/>), although doctoral education has existed in the **Faculty of Economics and Business Administration** for over three decades. Currently, SDEAA is an active academic community thanks to the 49 doctoral coordinators, 104 members of the steering committees and 152 doctoral students enrolled in doctoral studies. The doctoral programs are supported by the effort and involvement of the professors and researchers from the four departments of the faculty: *Department of Accounting, Business Information Systems and Statistics, Department of Economics and International Relations, Department of Finance, Currency and Public Administration, and Department of Management, Marketing and Business Administration.*

1.1.2. SDEAA structure

The Doctoral School of Economics and Business Administration is organized as a distinct department of the Faculty of Economics and Business Administration, with its management regulation and structure, coordinating 9 doctoral fields: *Cybernetics and Statistics, Accounting, Economics, Economics, and International Affairs, Finance, Economic Informatics, Management, Marketing, and Administrative Sciences.*



The management of SDEAA is ensured by a council (CSD), of which they are part ([APPENDIX 4](#)):

Director: prof. Adriana ZAIȚ, Ph.D., „Alexandru Ioan Cuza“ University of Iași

CSD members:

- prof. Daniela AGHEORGHIESEI, Ph.D., „Alexandru Ioan Cuza“ University of Iași
- prof. Mircea GEORGESCU, Ph.D., „Alexandru Ioan Cuza“ University of Iași
- prof. Ovidiu STOICA, Ph.D., „Alexandru Ioan Cuza“ University of Iași
- prof. Elio BORGONOV, Ph.D., Bocconi University, Milan, Italy
- prof. Lucian CROITORU, Ph.D., Bucharest University of Economic Studies
- Aurelia ILIEȘ, Ph.D. student, „Alexandru Ioan Cuza“ University of Iași
- Cristian TERZA, Ph.D. student, „Alexandru Ioan Cuza“ University of Iași

1.1.3. The evolution of SDEAA

The Doctoral School of Economics and Business Administration has evolved, from 2005 to the present, from all perspectives (scientific, administrative, relational): strategic orientation, an offer of advanced university training (from the point of view of the subjects in the curriculum and their coverage with teachers), the quality of coordination and support provided by the guidance commissions, criteria for evaluating doctoral theses and the scientific background of doctoral students, links with other research entities and the economic environment.

A synthetic image of the evolution of the number of candidates and doctoral students is presented in the following table:

Table no. 1.1. Positions put up for competition, registered candidates, doctoral students enrolled in the School of Economics and Business Administration (2011-2020)

Academic year	Positions put up for competition	Enrolled candidates	Enrolled Ph.D. students with matriculation code
2011-2012	77 budget, 35 with a fee	69	51
2012 – 2013	55 budget, 24 with a fee	63	47
2013 – 2014	44 budget, 25 with a fee	42	36
2014-2015	31 budget, 2 with a fee	49	33
2015-2016	30 budget, 5 with a fee	38	32
2016-2017	26 budget, 15 with a fee	31	31



2017-2018	23 budget, 15 with a fee	47	39
2018-2019	25 budget, 15 with a fee	41	40
2019-2020	28 budget, 15 with a fee	44	42
2020-2021	25 budget, 20 with a fee	43	37

Further details of this evolution can be captured by reviewing the latest SDEAA self-assessment reports ([APPENDIX 5](#)), as well as the synthesis of the report of the Doctoral School Council of SDEAA (<http://doctorat.feaa.uaic.ro/autoevaluare>).

1.1.4. Research mission

The institutional mission of the Doctoral School of Economics and Business Administration is to ensure a rigorous and favorable research environment (facilitator), which will allow the intellectual and professional development of doctoral students and contribute to the evolution of society.

The vision of SDEAA is to become a landmark of advanced research for the academic, economic, and social environment, the doctoral education, the research itself, and the dissemination of the results being carried out synergistically.

In terms of the research mission, SDEAA aims to develop quality doctoral research, from a dual perspective - rigorous from a methodological point of view and relevant at the societal level. Thus, if we refer to the relevance-rigor matrix of scientific research and its results, SDEAA aims to conduct doctoral research that is within the framework of "Pragmatic Science".

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

		Methodological rigor	
		<i>Low</i>	<i>High</i>
Practical relevance	<i>High</i>	Popular science	Pragmatic science
	<i>Low</i>	Childish science	Pedantic science



1.1.5. Level of quality certification

The Doctoral School of Economics and Business Administration respects the principles established by the European Researcher's Charter and the Code of Conduct for the Recruitment of Researchers. Since April 10, 2014, IOSUD - "Alexandru Ioan Cuza" University of Iasi has the **HR Excellence in Research** quality certification.

1.1.6. Specific measures for quality management and promotion of professional ethics and deontology implemented at the level of the doctoral school

In addition to complying with the internal methodology and procedures of IOSUD – the "Alexandru Ioan Cuza" University of Iasi in quality management, the Doctoral School of Economics and Business Administration has its procedures to improve the quality of the entire doctoral process and include consultations of the General Assembly of doctoral coordinators for proposals for changes in regulations, collection of feedback from doctoral students, but also from SDEAA partners in the socio-economic environment, etc.

The SDEAA value system is based on the "cardinal virtues" - *Discernment, Justice, Courage, Temperance*, as well as the research values recognized at the *European level by the European Code of Conduct for Research Integrity*:

- Trust / Accuracy / Rigor (*Reliability*);
- *Honesty*;
- *Respect*;
- Responsibility (*Accountability/Dependability*).

In addition to the fact that the SDEAA Regulation includes a special section dedicated to ethics and deontology, ([APPENDIX 6](#)), the Doctoral School of Economics and Business Administration also assumes and respects the authoritative principles of the Vancouver Convention of Joint Authorship, according to which an article may appear as co-author only the person who performed the following:

- substantial contribution to the conception or design of the article, or the obtaining, analysis, or interpretation of the data from the article;
- writing the draft article or critically reviewing it for important content issues;
- checking the final version to be published;
- agree to take responsibility for all matters relating to the accuracy or integrity of any part of the article.



1.1.7. Presentation of human resources

Currently, within the Doctoral School of Economics and Business Administration, 51 doctoral supervisors work, depending on the doctoral field, as follows:

Table no. 1.3. Ph.D. supervisors from SDEAA

No.	Doctoral field	Ph.D. supervisor	E-mail
1.	<i>Cybernetics and statistics</i>	prof. Dinu AIRINEI, Ph.D.	adinu@uaic.ro
2.	<i>Cybernetics and statistics</i>	prof. Ana GRAMA, Ph.D.	agrama@uaic.ro
3.	<i>Cybernetics and statistics</i>	prof. Anca Laura ASANDULUI, Ph.D.	asand@uaic.ro
4.	<i>Cybernetics and statistics</i>	prof. Mircea ASANDULUI, Ph.D.	mircea.asandului@uaic.ro
5.	<i>Cybernetics and statistics</i>	prof. Dănuț-Vasile JEMNA, Ph.D.	danut.jemna@uaic.ro
6.	<i>Cybernetics and statistics</i>	prof. Carmen Elena PINTILESCU, Ph.D.	carmen.pintilescu@uaic.ro
7.	<i>Accounting</i>	prof. Iuliana Eugenia GEORGESCU, Ph.D.	iuliag@uaic.ro
8.	<i>Accounting</i>	prof. Emil HOROMNEA, Ph.D.	ehoromnea@yahoo.com
9.	<i>Accounting</i>	prof. Marilena MIRONIUC, Ph.D.	marilena@uaic.ro
10.	<i>Accounting</i>	prof. Ioan ANDONE, Ph.D.	iandone@uaic.ro
11.	<i>Economy</i>	prof. Andreea-Oana IACOBUȚĂ-MIHĂIȚĂ, Ph.D.	andreea.iacobuta@uaic.ro
12.	<i>Economy</i>	prof. Ion IGNAT, Ph.D.	ignation@uaic.ro
13.	<i>Economy</i>	prof. Laura MAXIM, Ph.D.	lauradiaconu_07@yahoo.com
14.	<i>Economy</i>	prof. Ion POHOAȚĂ, Ph.D.	ionpohoata@yahoo.com
15.	<i>Economy</i>	prof. Constantin Cristian POPESCU, Ph.D.	popescu@uaic.ro
16.	<i>Economics and international affairs</i>	lect. Adrian Vasile HORODNIC, Ph.D. Habil.	adi_horodnic@yahoo.com
17.	<i>Economics and international affairs</i>	prof. Liviu-George MAHA, Ph.D.	mlg@uaic.ro



18.	<i>Economics and international affairs</i>	prof. Gabriela Carmen PASCARIU, Ph.D.	gcpas@uaic.ro
19.	<i>Economics and international affairs</i>	prof. Spiridon PRALEA, Ph.D.	pralea@uaic.ro
20.	<i>Finance</i>	prof. Alin Marius ANDRIEȘ, Ph.D.	alin.andries@uaic.ro
21.	<i>Finance</i>	prof. Sorin Gabriel ANTON, Ph.D.	sorin.anton@uaic.ro
22.	<i>Finance</i>	prof. Sebastian Bogdan CĂPRARU, Ph.D.	csb@uaic.ro
23.	<i>Finance</i>	prof. Vasile COCRIȘ, Ph.D.	vcocris@uaic.ro
24.	<i>Finance</i>	prof. Mihaela ONOFREI, Ph.D.	onofrei@uaic.ro
25.	<i>Finance</i>	prof. Ovidiu STOICA, Ph.D.	ostoica@uaic.ro
26.	<i>Business Information Systems</i>	prof. Forin DUMITRIU, Ph.D.	fdumi@uaic.ro
27.	<i>Business Information Systems</i>	prof. univ. dr. Marin FOTACHE	fotache@uaic.ro
28.	<i>Business Information Systems</i>	prof. univ. dr. Mircea Radu GEORGESCU	mirceag@uaic.ro
29.	<i>Business Information Systems</i>	lect. habil. Daniel HOMOCIANU, Ph.D. Habil.	daniel.homocianu@feaa.uaic.ro
30.	<i>Business Information Systems</i>	prof. univ. dr. Gabriela MEȘNIȚĂ, Ph.D.	gabriela.mesnita@feaa.uaic.ro
31.	<i>Business Information Systems</i>	lect. Sabina-Cristina NECULA, Ph.D. Habil.	sabina.necula@uaic.ro
32.	<i>Business Information Systems</i>	prof. Dumitru OPREA, Ph.D.	doprea@uaic.ro
33.	<i>Business Information Systems</i>	prof. Daniel PĂVĂLOAIA, Ph.D.	danpav@uaic.ro
34.	<i>Business Information Systems</i>	assoc.prof. Laura Diana RADU, Ph.D. Habil.	glaura@uaic.ro
35.	<i>Business Information Systems</i>	prof. Alexandru ȚUGUI, Ph.D.	altug@uaic.ro
36.	<i>Management</i>	prof. Daniela Tatiana AGHEORGHIESEI, Ph.D.	dtc@uaic.ro



37.	<i>Management</i>	prof. Maria Viorica BEDRULE GRIGORUȚĂ, Ph.D.	maria.bedrulegrigoruta@uaic.ro
38.	<i>Management</i>	prof. Valentin NIȚĂ, Ph.D.	valnit2003@gmail.com
39.	<i>Management</i>	prof. Adriana PRODAN, Ph.D.	pada@uaic.ro
40.	<i>Management</i>	prof. Cristina Teodora ROMAN, Ph.D.	throman@uaic.ro
41.	<i>Management</i>	prof. Dumitru ZAIȚ, Ph.D.	dzait@uaic.ro
42.	<i>Marketing</i>	assoc.prof. Andreia Gabriela ANDREI, Ph.D. Habil.	andrei.andreia@gmail.com
43.	<i>Marketing</i>	assoc.prof. Ioana Alexandra HORODNIC, Ph.D. Habil.	ioana.horodnic@uaic.ro
44.	<i>Marketing</i>	prof. Adriana MANOLICĂ, Ph.D.	manolica@uaic.ro
45.	<i>Marketing</i>	prof. Emil MAXIM, Ph.D.	emaxim@uaic.ro
46.	<i>Marketing</i>	prof. Ștefan PRUTIANU, Ph.D.	pruti@uaic.ro
47.	<i>Marketing</i>	prof. Constantin SASU, Ph.D.	csasu@uaic.ro
48.	<i>Marketing</i>	prof. Adriana ZAIȚ, Ph.D.	azait@uaic.ro
49.	<i>Administrative sciences</i>	prof. Ana Maria BERCU, Ph.D.	bercu@uaic.ro
50.	<i>Administrative sciences</i>	prof. Florin OPREA, Ph.D.	foprea@uaic.ro
51.	<i>Administrative sciences</i>	prof. Mihaela TOFAN, Ph.D.	mtofan@uaic.ro

Doctoral coordinators over the age of 70 no longer coordinate new doctoral students, completing the last activities in which they were involved. At the time of their acquisition of the status of doctoral coordinator, there was no affiliation procedure to the Doctoral School, so there was no need for a "disaffiliation" procedure. However, these coordinators can still be consulted at any time to enhance their teaching and research experience.

1.1.8. Existing research infrastructure at SDEAA level

The headquarters of the Doctoral School of Economics and Business Administration is located in Corps R of the "Alexandru Ioan Cuza" University of Iași, located on Lăpușneanu Street,

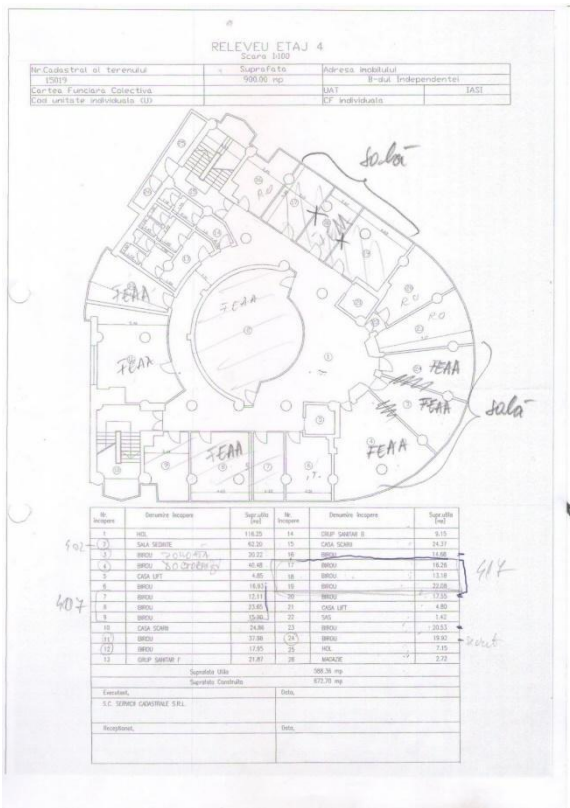


no. 14. Ph.D. students benefit from individual offices/study rooms, which are equipped with 10 Lenovo All-In-One desktop systems, laptops, and multifunction devices.

Also, in the same modern building, SDEAA carries out its activities (courses, seminars, workshops, conferences, or public defenses of doctoral theses) in a room with 50 seats, as well as in two classrooms. All rooms benefit from the most modern equipment: smart tablets, laptops, sound systems, internet, etc.



In the room for doctoral students (R411), there is also a mini-library for doctoral students, but they also benefit from the two libraries of the faculty.



The library of the Faculty of Economics and Business Administration is located on bd. Carol I, no. 22 A, Corps B of the „Alexandru Ioan Cuza“ University of Iași, et. 1, B401, and was established in 2002 when the Faculty of Economics and Business Administration celebrated 40 years of existence. Although the BCU Branch of Economic Sciences has been operating in Corps C since 1964 (this being established with the major contribution of some professors in this field), due to the development of the Faculty of Economics and Business Administration and, implicitly, a large number of students, sections, specializations and forms of education, it became necessary to establish its library, which would concentrate the specialized funds in the "core building" of the Faculty of Economics and Business Administration. Benefiting from a special space arranged for the library, the

Faculty of Economics and Business Administration obtained that architectural functionality that saves the user's time, who searches for the necessary information (the library is organized on the principle of free access to the shelf) and lists or photocopies only the necessary materials, etc.

The FEAA library specializes in economics, but, given the many disciplines that are connected with it, it also has publications in the socio-political fields, history, geography, as well as a collection of reference works (encyclopedias, dictionaries, monographs). , legislation). The document collections are composed of approximately 25,000 volumes (Romanian and foreign books and serial publications), subscriptions to foreign and Romanian periodicals on traditional support, electronic documents, and other profile audio-visual documents, subscriptions to databases (InfoTrac-Custom Journals; Encyclopedias Britannica online and Universalis online).



Logistics includes a network of 100 computers, 3 copiers, 3 printers, an e-mail server, a video surveillance system, a fire, and burglary surveillance system, fingerprint access system, electronic anti-theft system for each volume. Internet browsing is provided by the University's network and is free of charge, and the FEAA Server Department is responsible for ensuring electronic security. For the processing of publications, library software was created by the Database Department, with an online catalog and search engine.

FEAA library capacity data:

- FEAA Library, Corp B, et. 1.: surface: 640 sq.m, 240 places;
- FEAA Library, Corp. C, et. 3: surface: 547 sq.m, 165 places;
- Book fund: 24,663 titles, respectively 62,027 volumes (books and periodicals).

Table no. 1.4. Distribution by the domain of volumes within the FEAA Library

No.	Ranking domain	Link volumes / Bundles
1.	ADMINISTRATIVE SCIENCES	282
2.	ECONOMY	844
3.	BUSINESS ADMINISTRATION	954
4.	FINANCE	86
5.	CYBERNETICS, STATISTICS AND BUSINESS INFORMATION SYSTEMS	2005
6.	ACCOUNTING	2946
7.	INTERNATIONAL ECONOMIC RELATIONS	2365
8.	MANAGEMENT	5500
9.	MARKETING	2910
TOTAL OF VOLUMES / FILES		17892

**Table no. 1.5. Distribution by domains of audio/video material with educational content within the FEAA Library**

No.	Ranking domain	Pieces
1.	ADMINISTRATIVE SCIENCES	107
2.	ECONOMY	126
3.	BUSINESS ADMINISTRATION	125
4.	FINANCE	109
5.	CYBERNETICS, STATISTICS AND BUSINESS INFORMATION SYSTEMS	91
6.	ACCOUNTING	166
7.	INTERNATIONAL ECONOMIC RELATIONS	100
8.	MANAGEMENT	118
9.	MARKETING	130
TOTAL		1072












To the educational resources inventoried above are added the online databases to which the SDEAA community has subscription access through **ANELIS PLUS 2020 - National Electronic Access to Scientific Literature to Support the Research and Education System in Romania** (project co-financed by the Fund European Regional Development Program through the Competitiveness Operational Program 2014-2020).

The general objective of the **ANELIS PLUS 2020** project is to increase Romania's RDI capacity in the fields of smart specialization and in health and it completely overlaps with the specific objective of the program. The project contributes to increasing the involvement of the Romanian research environment in specialized international research networks, of major importance for the future development of science and technology, and will contribute, at the same time, to the development of appropriate information infrastructure to support large and complex projects. Also, the project is in connection with the specific objective that refers to increasing the Romanian participation in research at the European Union level, because, through its objectives and expected results, it increases the visibility of Romanian research and facilitates links with international research structures.




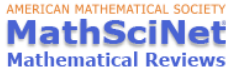






Thus, Alexandru Ioan Cuza University of Iasi is subscribed to *Science Direct Freedom Collection*, *Scopus*, *SciFinder (CAS)*, *MathSciNet*. Also, the SDEAA community has access to the resources subscribed through the Central University Library "Mihai Eminescu" in Iasi:



1. Fulltext databases/platforms

	SpringerLink Journals detalii...
	ProQuest Central detalii...
	Emerald Journals
	Science Journals AAAS
	Science Direct - Journals Freedom Collection
	Thomson Reuters Web of Knowledge (WoS , JCR , DII)
	American Institute of Physics Journals detalii...
	American Physical Society Journals
	Oxford Journals detalii...
	SAGE Journals HHS Collection detalii...
	EBSCO Academic Search Complete detalii...



	EBSCO Business Source Complete detalii...
	IEEE All - Society Periodicals Package (ASPP Online)
	SCOPUS detalii...
Wiley Online Library	Wiley Journals
	MathSciNet
	Taylor & Francis Journals
	Reaxys
	American Chemical Society Journals
IOP Institute of Physics	Institute of Physics Journals
	Cambridge Journals
	CAB Abstracts
	SIAM Journals
Legis	Legis detalii...

**2. Bibliographic and bibliometric databases**

	THOMSON REUTERS Web of Science detalii...
	THOMSON REUTERS Journal Citation Report detalii...
	THOMSON REUTERS Derwent Innovation Index
	ELSEVIER SCOPUS detalii...

Table no. 1.6. The main foreign publications for which there are subscriptions within the FEAA Library

No.	Title	Share
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
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
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 teoretică și 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

**Table no. 1.7. The main Romanian publications - subscriptions within the FEAA Library**

No.	Title	Share
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
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 Financiară</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 și Contabilitate</i>	Y – 52
62.	<i>Revista IMM</i>	Y-68
63.	<i>Revista română de dreptul muncii</i>	X-42
64.	<i>Revista română de economie</i>	X-39
65.	<i>Revista Română de Marketing</i>	Y-140
66.	<i>Revista Română de Statistică</i>	X-8
67.	<i>România în cifre</i>	X-43
68.	<i>Săptămâna financiară</i>	Z-24
69.	<i>Starea economică și socială</i>	Y-138
70.	<i>Studii de conjunctură economică</i>	Y-78
71.	<i>Studii și cercetări economice</i>	X-2
72.	<i>Supliment Capital</i>	Y – 16
73.	<i>Supliment Ziarul Financiar</i>	Y – 33
74.	<i>Target (Supliment Ziarul Financiar)</i>	Y-127
75.	<i>Tribuna economică</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 offers full support for documentation and mobility in favor of the professional development of doctoral coordinators and doctoral students. The budget allocated from own resources to these activities is 3-5% annually from the budget revenues and taxes of SDEAA. The remuneration of the staff is paid by the hour and is carried out under the regulations in force and with the salary policy of IOSUD-UAIC. The Doctoral School of Economics and Business Administration offers secretarial and support services for the good development of doctoral and habilitation activities.

1.1.9. Educational effectiveness at SDEAA level

The entire educational path of the SDEAA doctoral students is carried out with the support of the teachers involved in the teaching process in the first semester, of the SDEAA Secretariat, and the FEAA Database service. Schooling management is performed with the help of eSims, here being recorded data on the entire doctoral path, from admission, through the results of the advanced university training program, and the individual research program, to the public defense of the doctoral thesis, information on the coordinator, members of the guidance commission, thesis title, etc.

The Doctoral School of Economics and Business Administration aims to go through some important procedural sequences in achieving its objectives, from an educational perspective, namely:

- deepening the economic culture of doctoral students through advanced university training programs; we start, here, from the requirements of a continuous training process on two large dimensions:
 - a theoretical-methodological one (of science and scientific research);
 - a pragmatic one - emphasis on the practical features of economics, in various forms: management, marketing, finance, accounting, economics, statistics, international economic relations, etc.
- training doctoral students and familiarizing them with the exercise of oral presentation and academic writing on topics of great interest, theoretically and practically; ways of organizing courses (interactive and co-participatory), seminars and scientific communications, analysis of progress reports, etc. are conceived and subordinated to this purpose.
- initiating and extending cooperation relations with other doctoral schools in the country and abroad in terms of:
 - o doctoral managerial know-how;



- o scientific information;
 - o publications;
 - o dissemination and valorization activities materialized in the organization of scientific sessions, workshops, symposia, etc .;
 - o mobility and visits of experts, which encourage the exchange of experience and cooperation;
 - a national and international co-operation;
 - a logistics etc.
- improving the quality of Romanian economic research, by promoting topics of real, wide, and current interest, as well as by hiring sincerely motivated young people in research, with certain and proven research skills and abilities.

The specifics of the doctoral process also require permanent participation in scientific events, so that doctoral students, coordinators, and members of the steering commissions receive feedback and disseminate the results of their research. SDEAA, through FEAA, supports this process by organizing conferences, among which we can mention:

Table no. 1.8. Scientific events held within the FEAA period 2013-2020, with the participation of coordinators, members of the steering committees, and doctoral students

Name of the event	Period of time	Venue	Type of event	Classification of the event according to participation	Link to the event website
EURINT 2020 EU and its neighbourhood: enhancing EU actorness in the eastern borderlands	November 15-17, 2020	Iași	Conference	International	https://eurint.uaic.ro/
Globalization and higher education in economics and business administration – GEBA 2020,	October 22-23, 2020	Iași	Conference	International	http://www.feaa.uaic.ro/geba/
International Conference Sustainable education through European studies for young researchers (SESYR)	July 14-15, 2020	Iași	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	May 15, 2020	Iași	Conference	International	http://eufire.uaic.ro/
Globalization and higher education in economics and business administration – GEBA 2019,	October 17-20, 2019	Iași	Conference	International	http://www.feaa.uaic.ro/geba/
<i>International Conference Policy measures for tackling undeclared work</i> (a component of the project H2020-MSCA-IF-2016 - Shadows: Tackling Undeclared Work in the European Union)	June 6, 2019	Iași	Conference	International	https://www.uaic.ro/outati_cercetare/conferinta-proiect-shadowstackling-



					undeclared-work-in-the-european-union
EURINT 2019 European Union's structural challenges: the way forward	May 17-18, 2019	Iași	Conference	International	https://eurint.uaic.ro/
International Conference "EU Financial Regulation"	May 17, 2019	Iași	Conference	International	http://eufire.uaic.ro/
Workshop "European project management practices, entrepreneurship and employment", organized within the SESYR project	November 22, 2018	Iași	Workshop	International	http://sesyr.feaa.uaic.ro/
Why to apply for a Marie Skłodowska-Curie Fellowship?	October 23, 2018	Iași	Seminar	International	https://www.facebook.com/permalink.php?story_fbid=1198814796937456&id=920212361464369&tn=-R
Round table "Management of European projects. Entrepreneurship and employment in the EU. Ethics and integrity in European doctoral education".	June 8, 2018	Iași	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	May 18-19, 2018	Iași	Conference	International	https://eurint.uaic.ro/
Annual Scientific Conference of Romanian Economists from Abroad (ERMAS 2018)	July 25-27, 2018	Iași	Conference	International	http://www.feaa.uaic.ro/ermas2018/
International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2017)	October 19-22, 2017	Iași	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).	May 19-20, 2017	Iași	Conference	International	http://cse.uaic.ro/eurint/index.htm
International Workshop "Governance and Risk of Financial institutions"	June 6, 2016	Iași (SDEAA)	Workshop	International	https://sites.google.com/site/projectbrifis/activities
Taxes and business performance	October 7, 2016	Iasi, Finance Research Center	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Interaction Effects of Monetary Policy and Macropudential Regulation: Evidence from Central and Eastern Europe	October 28, 2016	Iasi, Finance Research Center	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Taxes and business performance	October 7, 2016	Iasi, Finance Research Center	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139



VAT deductibility in the recent vision of the Romanian courts	November 4, 2016	Iasi, Finance Research Center	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Credit Booms and Busts in Emerging Markets: The Role of Bank Governance and Risk Management	December 8, 2016	Iasi, Finance Research Center	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Institutional enviroment and corporate financing in CEE countries	November 18, 2016	Iasi, Finance Research Center	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Quantifying the level of fiscal integration: a EU case study	December 16, 2016	Iasi, Finance Research Center	Seminar	National	http://www.feaa.uaic.ro/ro/main/category/139
Globalization and Higher Education in Economics and Business Administration (GEBa 2016)	October 20-26, 2016	Iași	Congress	International	http://www.feaa.uaic.ro/geba/2015
Intensive banking risk management program within the Erasmus + INTQUANT strategic partnership (www.quantitativefinance.eu)	July 10-23, 2016	"Alexandru Ioan Cuza" University of Iasi	Summer scool	International	http://360.uaic.ro/blog/2016/07/25/intquant-primul-program-intensiv-in-managementul-riscului-bancar/
The Eastern Partneship under strain – time for a rethinking? (EURINT 2016)	May 20-21, 2016	Iași, CSE	Conference	International	http://cse.uaic.ro/eurint/eurint2016.htm
European Regional Competitiveness and Human Resource Development	June 13 - July 1, 2016	FEAA	Summer scool	International	http://eurcomp.feaa.uaic.ro/
European function and civil servant	July 11 - July 22, 2016	FEAA	Summer scool	International	
International Scientific Conference	27-28 Nov 2015	Chișinău	Conference	International	
ADR Conference Teach for future	May 2016	Iasi	Conference	National, with International participation	
Delegation meeting UAIC_ADR_Netherlands	March 18, 2016	Iasi	Other events	National, with International participation	
2016 International Conference on Non-Bank Finance, Autoritatea de Supraveghere Financiara București	June 2-3, 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	May 13-14, 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	May 13-14, 2016	FEAA, Iasi	Conference	National, with International participation	http://www.feaa.uaic.ro/ro/main/category/104
Second International Conference of Development and Economy	June 9-12, 2016	Thessaloniki, Greece	Exhibition with results of research or inventions	International	http://www.icodecon.com/
International Workshop "Governance and Risk of Financial institutions"	June 6, 2016	Iași	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)	September 20 - 25	Iasi	Conference	International	http://germanistik.uaic.ro/index.php/colocv-iu-konstanz-iasi/
EURINT 2016	May 21-22, 2016	Iasi	Conference	International	http://cse.uaic.ro/eurint/index_htm_files/EURINT_Programme_2016_web.pdf
Seminar Building resilience in the EU's neighbourhood countries. New approaches for a more effective Eastern Partnership	May 20, 2016	Iasi	Seminar	International	http://cse.uaic.ro/arhiva.htm
Essay Contest My European Dream & Student Scientific Communication Session	May 13-14, 2016	Iasi	Seminar	Local	http://cse.uaic.ro/arhiva.htm
TAG-EU OPEN DOOR CONFERENCE	June 13, 2016	Iasi, Alexandru Ioan Cuza University, Corp R, 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	February 26, 2016	Iasi, Alexandru Ioan Cuza University, Corp R, room 407	Workshop	Regional	http://tag-eu.uaic.ro/wp-content/uploads/2016/11/green-workshop-2015.jpg

SDEAA Ph.D. students participate, since the first year (with or without their papers), in conferences organized at faculty (FEAA) and university (UAIC) level, which allows them an early discussion and obtaining useful feedback for the development of further doctoral research, but also calibration of one's own research efforts by comparison with the papers presented by senior researchers. The visibility of doctoral research is also ensured by participating in the 3MT



competition, organized within the Coimbra Group, as well as by publishing papers in indexed journals, together with the doctoral coordinators and the members of the guidance commissions.

1.2. Presentation of the doctoral studies field "Business Information Systems"

1.2.1. Objectives

The specific objectives of the doctoral studies field BUSINESS INFORMATION SYSTEMS fall within the general objectives of the Doctoral School of Economics and Business Administration, consisting of:

- providing advanced knowledge for the latest concepts and theories in the field of BUSINESS INFORMATION SYSTEMS;
- training of advanced research skills and dissemination of doctoral research results;
- stimulating the debate of ideas and plural and interdisciplinary intellectual communication;
- promoting the principles of integrity and responsibility of academic research;
- promoting the principles of diversity, cooperation, and non-discrimination.

1.2.2. Mission

The mission assumed by the members of the Doctoral School of Economics and Business Administration in the field of doctoral studies BUSINESS INFORMATION SYSTEMS is subscribed to the one assumed by SDEAA, namely to ensure a rigorous and favorable research environment (facilitator), which allows intellectual development and doctoral students and to contribute to the evolution of society in the conditions of ubiquitous digital transformations at the societal level.

Our vision is to become a landmark of advanced research in the field of BUSINESS INFORMATION SYSTEMS for the academic, economic and social environment, aiming to provide university education - including doctoral - quality, defined by the knowledge and values transmitted, respectively by the skills formed, so as to contribute to the professional and personal development of the graduates, as well as to the economic, social and philosophical development of the institutions, structures and entities in which the graduates will work.

1.2.3. Curricula

The SDEAA curriculum, including that of the doctoral studies field ECONOMICS AND INTERNATIONAL AFFAIRS, is displayed on the doctoral school portal, in the Documents



section: <http://doctorat.feaa.uaic.ro/documente>, and includes 4 compulsory subjects and a list of optional subjects, from which doctoral students choose between 2 and 4 subjects or modules, depending on the field of specialization, to complete the number of credits required ([APPENDIX 7](#) and at <http://doctorat.feaa.uaic.ro/fise-discipline>).

Compulsory disciplines:	
1. Scientific research methodology (with 3 distinct modules):	
	<i>Epistemology</i>
	<i>Scientific research methodology</i>
	<i>Academic writing I</i>
2. Research methods and qualitative data analysis	
3. Research methods and quantitative data analysis	
4. Ethics and academic integrity	
Optional disciplines (modules from the list of 12 subjects totaling 60 hours):	

1. *Society and technology in economics* (20 hours)
2. *Sustainability of doctoral research* (20 hours)
3. *Analysis of categorical data* (10 hours)
4. *Current dimensions of research in accounting and financial analysis* (30 hours)
5. *Empirical banking* (20 hours)
6. *Banking* (20 hours)
7. *Advanced research in finance* (30 hours)
8. *Academic writing II* - elements specific to different doctoral fields (30 hours)
9. *Doctoral research in management and marketing - quantitative chain* (30 hours)
10. *Doctoral research in management and marketing - qualitative branch* (30 hours)
11. Independent modules: net-nographic, social-media, and new-media research (6 hours); evidence-based research in the social sciences (8 hours); branding, image, reputation, relationship management (6 hours); latent processes and variables in social research (8 hours); PLS and SEM in economics and social sciences research (6 + 6 hours).
12. *Advanced EAI research* (30 hours)



1.2.4. Ph.D. supervisors

Within the Doctoral School of Economics and Business Administration, 10 Ph.D. supervisors in the field of Economic Informatics work, of which 6 (60%) meet the minimum CNATDCU standards in force at the time of submitting the self-assessment file, necessary and mandatory to obtain the certificate of enabling, as follows:

Table no. 1.9. The centralizing situation of doctoral supervisors in the field of BUSINESS INFORMATION SYSTEMS

No.	Ph.D. supervisor	Order of the Minister of Education/empowerment decision (APPENDIX 8)	Compliance with CNATDCU minimum standards (APPENDIX 9)	E-mail
1.	prof. Dumitru OPREA, Ph.D.	O.M.5267/05.09.2011	Partial	doprea@uaic.ro
2.	prof. Forin DUMITRIU, Ph.D.	O.M. 5268/05.09.2011	Partial	fdumi@uaic.ro
3.	prof. Gabriela MEȘNIȚĂ, Ph.D.	O.M. 5268/05.09.2011	Partial	gabriela.mesnita@feaa.uaic.ro
4.	prof. Marin FOTACHE, Ph.D.	O.M. 5679/19.11.2010	Partial	fotache@uaic.ro
5.	prof. Mircea Radu GEORGESCU, Ph.D.	O.M. 5679/19.11.2010	YES	mirceag@uaic.ro
6.	prof. Alexandru ȚUGUI, Ph.D.	O.M. 5679/19.11.2010	YES	altug@uaic.ro
7.	prof. Vasile-Daniel PĂVĂLOAIA, Ph.D.	OMEN 4655/30.07.2019	YES	danpav@uaic.ro
8.	Assoc.prof. Laura Diana RADU, Ph.D.	OMEN 4656/30.07.2019	YES	glaura@uaic.ro
9	lect. Sabina-Cristina NECULA, Ph.D. Habil.	OMEN 4654/30.07.2019	YES	sabina.necula@uaic.ro
10	lect. Daniel HOMOCIANU, Ph.D. Habil.	OMEN 4653/30.07.2019	YES	daniel.homocianu@feaa.uaic.ro

**1.2.5. The evolution of the number of doctoral students in the last 5 years***1.2.5.1. Admission to doctoral university studies within SDEAA*

Admission is carried out at the level of the Doctoral School of Economics and Business Administration in fields of doctoral studies, the number of places being distributed by fields based on criteria related to the performance of doctoral supervisors and doctoral students, and the attractiveness of each field.

Table no. 1.10. The centralizing situation of places available in the competition for admission to SDEAA (MEC scholarships, UAIC scholarships, and budget without scholarship)

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



	2020-2021	1	0	0	0	1	3	2	2	9
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From the analysis of the situation of the candidates registered for the admission competition and, respectively, of those declared admitted, it can be seen a high level of attractiveness of doctoral studies within the Doctoral School of Economics and Business Administration, including BUSINESS INFORMATION SYSTEMS.

Table no. 1.11. The situation of admission to the field of doctoral studies BUSINESS INFORMATION SYSTEMS

Year of admission	Number of registered candidates	Admitted candidates
2016-2017	1	1
2017-2018	5	5
2018-2019	1	1
2019-2020	4	4
2020-2021	4	4

1.2.5.2. Active Ph.D. students

For the period 2016-2020, the situation of Ph.D. students in internships and those with a defended thesis is that of the tables below:

Table no. 1.12. Doctoral students in doctoral internship (BUSINESS INFORMATION SYSTEMS field)

Year of study	UAIC Scholarship	MEN Scholarship	Budget	With a fee	Currency account	Romanian state scholarship holder	Total
1 (2020)			4				4
2 (2019)	1	1	1		1		4
3 (2018)				1			1
4 (2017)			2				2
5 (2016)			1				1
TOTAL	1	1	8	1	1	0	12

**Table no. 1.13. Totally existing Ph.D. students - including those with a thesis
(BUSINESS INFORMATION SYSTEMS field)**

Year of study	No.of Ph.D. students
1 (2020)	4
2 (2019)	4
3 (2018)	1
4 (2017)	5
5 (2016)	1

1.2.5.3. The situation of expelled doctoral students

For the period 2016-2020, the situation of expelled doctoral students is the one in the table below:

**Table no. 1.14. The situation of expelled doctoral students
(BUSINESS INFORMATION SYSTEMS field)**

Year of registration	Name of doctoral student	Ex-matriculation decision
2017	DIACONU C. ADINA	D03/25.02.2021 Rectorship

1.2.6. The evolution of the number of doctors in the last 5 years

For the period 2016-2020 the situation of public support is that in the table below:

Table no. 1.15. List of public Ph.D. dissertations presented between 2016 and 2021

(the field of BUSINESS INFORMATION SYSTEMS: [APPENDIX 25](#))

No.	Name of doctoral student	Coordinator	Registration year	Date of thesis defense	Order of the Minister of Education for granting the Ph.D. title
1.	Hrubaru Ionut	prof. Marin Fotache, Ph.D.	2013	29.09.2016	5895/28.11.2016
2.	Gheorghe Ana-Maria	prof.Alexandru Țugui, Ph.D.	2014	12.09.2017	5561/4.12.2017



3.	Popa (Strainu) Roxana	prof. Mircea Georgescu, Ph.D.	2014	23.09.2019	5644/30.12.2019
4.	Stan (Mînaștirea) Elena-Adriana	prof. Gabriela Meșniță, Ph.D.	2017	11.09.2020	6425/24.12.2020
5.	Hucanu (Ibănescu) V. Roxana	prof. Mircea Georgescu, Ph.D.	2015	30.10.2020	6245/21.12.2020
6.	Bogoslov V. Ioana - Andreea	prof. Mircea Georgescu, Ph.D.	2017	29.01.2021	

1.2.7. Research centers

Within IOSUD - “Alexandru Ioan Cuza” University of Iași (Economic Informatics field) it has been operating since 2001, within the Department of Accounting, Economic Informatics, and Statistics (CIES), CeSINCON - Training Center in Information and Management Systems, accredited CNCISIS. Subsequently, in 2016 CeSINCON changed its name to the Research Center in Information Systems, Financial Reporting and Accounting (CCSIRFC) whose director is prof. Marin FOTACHE, Ph.D. The address is accessible on the *Engage in the Romanian Research Infrastructures System* - ERRIS platform: <https://erris.gov.ro/ccsirfc>.

The research area of this center includes economic informatics, data mining and data analysis (including statistical analysis), archives, data warehouses and collections, software facilities and services, etc.

The initial objectives of the research center were: to create an adequate framework for the development of collaborative relationships; carrying out a high-performance scientific research activity; expanding the field of research topics addressed within the center; identifying and accessing funding sources from the country and abroad; development of research infrastructure; developing collaboration with the economic environment; organization of scientific events; correlation of research activity with doctoral studies.

The perspective objectives of the research center are represented by: the development of complementarities between the members of the center; diversification of research topics and areas addressed; preponderant funding of scientific research through national and international projects; facilitating the dissemination of research results; stimulating students' involvement in research activity; increasing the visibility of the center at national and international level; carrying out activities in collaboration with prestigious specialists from the country and abroad.



Among the members of the research center are doctoral supervisors and prestigious teachers in the field of BUSINESS INFORMATION SYSTEMS (1.prof. Dumitru OPREA, Ph.D.; 2.prof.Alexandru ȚUGUI, Ph.D.; 3.prof.Mircea GEORGESCU, Ph.D.; 4.rof.Marin FOTACHE, Ph.D.; 5.prof.Florin DUMITRIU, Ph.D., 6.prof.Gabriela MEȘNIȚĂ, Ph.D., 7.prof.Doina FOTACHE, Ph.D., 8.prof.Vasile-Daniel PAVALOIA, Ph.D., 9.assoc.prof.Octavian DOSPINESCU, Ph.D., 10. assoc.prof.Valerica GREAVU SERBAN, Ph.D., 11.assoc.prof.Daniela POPESCU, Ph.D.; 12.assoc.prof. Laura-Diana RADU, etc.).

The CCSIRFC strategy is oriented towards the creation of an adequate framework for carrying out high-performance scientific research activities and towards the involvement in the scientific research activity of students, master's students, and doctoral students. The activity of the research center members covers a wide variety of fields, such as systems analysis and design, office automation, databases, project management, groupware, artificial intelligence in the economic field, mobile applications, programming, cloud computing, computer networks, protection of information systems, decision support systems, data mining and knowledge discovery, Business Intelligence, etc.

CCSIRFC's short- and medium-term strategic plans involve the development of scientific research carried out by: creating the conditions conducive to collaboration in the field of scientific research activity; identifying topics of common interest for members of research groups; identifying sources of funding for scientific research; assimilation of project management skills and access to various national and / or international programs for funding scientific research; maintenance and continuous development of research infrastructure; completing and continuously updating the documentation base and providing the statistical data necessary to carry out studies in the fields of interest; developing collaboration relations with the socio-economic environment, in the sense of attracting funds, but also correlating research objectives with the specific needs of the business environment in the North-East Region and beyond; attracting students, master students and doctoral students in the research activity carried out within the center; initiating publications to ensure the framework for disseminating the results of the work of young researchers; organizing national and international scientific events, in order to validate the results of research, their dissemination, interaction with recognized specialists in the field and increase the visibility of the center at national and international level; organization of debates and scientific seminars within the center.

The activity of CCSIRFC is part of the research strategy of the "Alexandru Ioan Cuza" University of Iasi, aiming to promote science in the spirit of democracy, academic freedom, and openness to integration in the international scientific community and the space of European culture and civilization. respect for national identity.

An important component of CCSIRFC is also the working group (and the technology service with the same name) known as the FEAA Robotic Process Automation Technology Research Group (details at <https://erris.gov.ro/ccsirfc> - search by expression "RPA") coordinated by prof. Mircea GEORGESCU, Ph.D..

Another important center to mention in this context is the Center for Continuing Education and Entrepreneurship, coordinated by Mr. Prof. Dr. Mircea GEORGESCU. This center has among



its specific activities training and IT examinations completed with: MOS / MTA Certifications, Microsoft Technical Certifications, and ECDL ones (details at: <http://cfca.uaic.ro/Pages/Start.aspx>).

1.2.8. The main scientific achievements

1.2.8.1. Articles in ISI journals with AIS being not null (2016-2021)

- Oprea, D. (2016). Big Questions on Big Data. *Revista de Cercetare si Interventie Sociala*, 55, 112-126. (FI = 0.380, AIS = 0.046)
- Fotache, M., Dumitriu, F., Greavu-Serban, V. (2016), Differences in Information System Skills of Offshoring Source Markets and Destination Markets. A Romanian Perspective, *Transformations in Business & Economics*, Vol. 15, No 3C (39C), pp.42-59
- Tugui, A., Gheorghe, A.M. (2017), Review: The Singularity Is Near: When Humans Transcend Biology, by R. Kurzweil, *TRANSFORMATIONS IN BUSINESS & ECONOMICS*, Vol. 16, No. 1, pp. 252-256
- Tugui, A., Gheorghe, A.M. (2017), Review: The Future of the Professions: How Technology will Transform the Work of Human Expert, by D. Susskind. *TRANSFORMATIONS IN BUSINESS & ECONOMICS*, Vol. 15, No. 3, pp. 292-295
- Tugui, A., Jourhmane, S., Dahman, H. (2018), Review: Smart Cities Digital Nations: Building Smart Cities in Emerging Countries and Beyond, by D. Susskind. *TRANSFORMATIONS IN BUSINESS & ECONOMICS*, Vol. 17, No. 3, pp. 258-262
- Tugui, A., Danciulescu, D., Subtirelu, M.S. (2019). The Biological as a Double Limit for Artificial Intelligence: Review and Futuristic Debate. *International Journal of Computers Communications & Control*, 14(2), 253-271, 1841-9836
- Xue, Y.; Li, Y.; Guang, J.; Tugui, A.; She, L.; Qin, K.; Fan, C.; Che, Y.; Xie, Y.; Wen, Y.; Wang, Z. (2020) Hourly PM2.5 Estimation over Central and Eastern China Based on Himawari-8 Data. *Remote Sens.* 12, 855
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- Necula, S.C., Păvăloaia, V.D., Strîmbei, C. and Dospinescu, O., 2018. Enhancement of E-Commerce Websites with Semantic Web Technologies. *Sustainability*, 10(6), WOS:000436570100267 p.1955. AIS favorabil (JCR 2019)=0.335
- Pavaloaia, V.D., Dospinescu, O., Necula, S.C. and Strimbei, C., 2018. SUSTAINABLE COMMUNITY DEVELOPMENT THROUGH MASTER CURRICULA AND CAREER PATH IMPROVEMENTS IN AN EMERGING CITY OF IT & OUTSOURCING INDUSTRY FROM CEE. *Transformations in Business & Economics*, 17(2B), p.44B, WOS:000450699300012. AIS favorabil (JCR 2017)= 0.085
- Daniela Popescul, Vasile-Daniel Pavaloaia, Alexandru Tugui, Mircea Georgescu, Laura-Diana Radu, Lucian Daniel Berechet (2016), Education by Choice, not by Chance: Adjustment of Business Education to the Requirements of Contemporary Organisations, *Transformations in Business & Economics*, Volume 15, No 3C (39C), pp: 452-478, WOS:000399865000008, ISSN: 1648-4460, <http://www.transformations.knf.vu.lt/39c/article/educ>
- Daniela Popescul, Laura Diana Radu, Vasile Daniel Păvăloaia, Mircea Radu Georgescu (2020) Psychological Determinants Of Investor Motivation In Social Media-Based Crowdfunding Projects: A Systematic Review, *Frontiers in Psychology* , <https://www.frontiersin.org/articles/10.3389/fpsyg.2020.588121/full> , Impact factor 2.067, ISSN: 1664-1078, 2020
- Pavaloaia, VD; Georgescu, MR ; Popescul, D.; Radu, LD, (2019), ESD For Public Administration: An Essential Challenge For Inventing The Future Of Our Society, *SUSTAINABILITY*, MDPI, Volume: 11, Issue: 3, DOI: 10.3390/su11030880, Accession Number: WOS:000458929500325, ISSN: 2071-1050, Q2, Impact factor 2.801, <https://www.mdpi.com/2071-1050/11/3/880>
- Păvăloaia, V.D., Anastasiei, I.D., Fotache, D., (2020). Social Media and E-mail Marketing Campaigns: Symmetry versus Convergence. *Symmetry*, 12(12), p.1940. AIS=0.304 (conform JCR 2019 – ediția iunie 2020)



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- Radu, L.D., Green Cloud Computing: A Literature Survey, *Symmetry* 2017, 9, 295, WOS:000419227200007, <https://www.mdpi.com/2073-8994/9/12/295>.
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- Plopeanu, A.-P., Homocianu, D., Airinei, D., Determinants of entrepreneurial proclivity of students in economics and business administration, *Economic Computation and Economic Cybernetics Studies and Research*, Vol.52, Issue 3, 2018, p.101-119, DOI:10.24818/18423264/52.3.18.07, WOS:000447680900007, [http://www.ecocyb.ase.ro/nr2018_3/07%20-%20Plopeanu%20Aurelian,%20D.%20Homocianu%20\(T\)-7-.pdf](http://www.ecocyb.ase.ro/nr2018_3/07%20-%20Plopeanu%20Aurelian,%20D.%20Homocianu%20(T)-7-.pdf)
- Plopeanu, A.-P., Homocianu, D., Mihaila, A.A., Crisan, E.L., Bodea, G., Bratu, R.D., Airinei, D., Exploring the Influence of Personal Motivations, Beliefs and Attitudes on Students' Post-Graduation Migration Intentions: Evidence from Three Major Romanian Universities, *Applied Sciences-Basel*, Vol.8, Issue11,2018, DOI:10.3390/app8112121, <https://www.mdpi.com/2076-3417/8/11/2121>, WOS:000451302800111
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- Homocianu, D., Plopeanu, A.P., Florea, M., Andrieș, A.M., Exploring the Patterns of Job Satisfaction for Individuals Aged 50 and over from Three Historical Regions of Romania. An Inductive Approach with Respect to Triangulation, Cross-Validation and Support for Replication of Results, *Applied Sciences*, 10(7), 2573, DOI:10.3390/app10072573, <https://www.mdpi.com/2076-3417/10/7/2573>,WOS:000533356200372
- Lula, P., Dospinescu, O., Homocianu, D., Sireteanu, N.A., An advanced analysis of cloud computing concepts based on the computer science ontology, *Computers, Materials & Continua*, vol.66, issue 3, 2021, pp.2425-2443, WOS:000604625800014, <https://techscience.com/cmcc/v66n3/41074>

1.2.8.2. Chapters in volumes published by prestigious international publishers (2016-2021)

- Dumitriu, F., Meșniță, G., Oprea, D., Radu, LD (2018), The Need For A Framework In Analyzing The Applying Agile At Large-Scale -, The 17th International Conference Proceedings on Informatics in Economy (IE 2018), Iasi, 17-18 May 2018
- Hrubaru, I., Talabă, G., Fotache, M. (2019). A Basic Testbed for JSON Data Processing in SQL Data Servers. In *Proceedings of the 20th International Conference on Computer Systems and Technologies (CompSysTech '19)*, Tzvetomir Vassilev and Angel Smrikarov (Eds.). ACM Press, New York, NY, USA, 278-283. DOI: <https://doi.org/10.1145/3345252.3345285> (indexed in ACM Digital Library, SCOPUS, DBLP) (WOS:000557266600044)
- Fotache, M., Greavu-Șerban, V., Hrubaru, I., Tică, A. (2018). Big Data Technologies on Commodity Workstations. A Basic Setup for Apache Impala, *Proc. of the 19th International Conference on Computer Systems and Technologies (CompSysTech'18)* 13-



14 September 2018, University of Ruse, Bulgaria, ACM Press (indexed in ACM Digital Library, SCOPUS, DBLP), ISBN: 9781450364256, (WOS:000511431300031) DOI: 10.1145/3274005.3274021, http://dl.acm.org/ft_gateway.cfm?id=3274021&ftid=2036066&dwn=1

- Necula SC. (2018) Getting Meaning in the Online Environment of E-Commerce by Using Semantic Web Technologies. In: Silaghi G., Buchmann R., Boja C. (eds) Informatics in Economy. IE 2016. Lecture Notes in Business Information Processing, vol 273. Springer, Cham, WOS:000450048700009
- Necula SC. (2011) Using Resource Description Format in Integrating and Querying Web Data Sources for Semantic Portals. In: García-Barriocanal E., Cebeci Z., Okur M.C., Öztürk A. (eds) Metadata and Semantic Research. MTSR 2011. Communications in Computer and Information Science, vol 240. Springer, Berlin, Heidelberg, WOS:000310181200020
- Pavaloaia V.D, Necula S.C., Artificial Intelligence For Business, LAP LAMBERT Academic Publishing, 2020, 92 pgv
- Radu, L. D. (2019). Effort Prediction in Agile Software Development with Bayesian Networks. In 14th International Conference on Software Technologies (ICSOFT), July 26-28, 2019, Prague, Czech Republic, ISBN:978-989-758-379-7, WOS:000572825100023, pp. 238-245.
- Radu, L.D., Green Information System for a Sustainable Enterprise. În Jean Vasile, A., Nicolò, D. (Eds.), Sustainable Entrepreneurship and Investments in the Green Economy, Hershey, PA: IGI Global, 2017, pp. 144-168, doi:10.4018/978-1-5225-2075-7.ch005, 25 pagini.

1.2.8.3. Research projects (2016-2021)

- Competitiveness Operational Program, “Research As A Service - Iași” (RaaS-IS), POC / 398/1/124759, director prof. Marin Fotache, Ph.D., total eligible non-reimbursable budget of 4,982,978.23 lei. (The project aims to develop a private cloud infrastructure and create the conditions for the establishment of a team of experts able to provide, in private cloud, within the RaaS-IS center, a wide range of storage, processing, modeling and analysis services of large data. <https://www.uaic.ro/uaic-a-castigat-un-proiect-de-pesto-un-milion-de-euro/>);



- PROJECT “Development of entrepreneurial skills for doctoral and postdoctoral students in the field of economics”, POCU / 380/6/13/125015, ASE Bucharest Project Coordinator, 2019 - present, responsible partner of UAIC Iasi, prof.Mircea Georgescu, Ph.D.;
- Project PN-III-P1-1.1-MC-2018-2607, Program 1 Subprogram 1.1 - Human Resources “Assimilation of technological quality in BIO-TECHNOLOGY-ECONOMIC SYSTEMS”, MOBILITY PROJECTS FOR RESEARCHERS (Budget 19,553 RON), Funded by the Unit Executive for the Financing of Higher Education, Research, Development and Innovation (UEFISCDI), - Project Manager - prof. ȚUGUI Alexandru, Ph.D.;
- Project PN-III-P1-1.1-MC-2019-0147, Program 1 Subprogram 1.1 - Human Resources “Ethics and good practices in software testing”, MOBILITY PROJECTS FOR RESEARCHERS (Budget 10895 RON), Funded by the Executive Unit for Funding Of Higher Education, Research, Development and Innovation (UEFISCDI), - Project manager - prof.ȚUGUI Alexandru, Ph.D.;
- Project PN-III-P1-1.1-MC-2019-0123, Program 1 Subprogram 1.1 - Human Resources “Technological singularity in the conditions of limiting Artificial Intelligence”, MOBILITY PROJECTS FOR RESEARCHERS (Budget 12 094 RON), Funded by the Executive Unit for Financing of Higher Education, Research, Development and Innovation (UEFISCDI), - Project manager - prof. ȚUGUI Alexandru, Ph.D..

1.3. The functioning of the internal quality assurance system at the level of the doctoral university field

1.3.1. Objectives and general structure of the internal quality assurance system

"Alexandru Ioan Cuza" University of Iași assumes the institutional culture of quality, as a means of achieving 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.

The structure of the quality management system

At the central level, in the “Alexandru Ioan Cuza” University of Iași there is [Comisia pentru Managementul Calității](#) (CMC or the Commission for Quality Management) which is organized and operates in accordance with the provisions of the National Education Law and of Law no. 87/2006 for the approval of GEO no. 75/2005. The Commission is subordinated to the Board of Directors of the University, is chaired by a President, and operates on the basis of its own Regulations.



The UAIC Quality Management Commission has regulations and procedures specific to the management system to develop its own quality culture. The execution activities in the field of quality management are performed by the members of the Quality Management Bureau. The Office supports the Commission for Quality Management in carrying out quality management, by planning actions, preparing self-assessment reports and documents specific to quality assurance, training staff on quality assurance, by participating in the internal and external evaluation process.

At UAIC there is a program of quality-focused policies, specifying the means of implementation summarized and presented in [Codul de asigurare a calității](#) (the Quality Assurance Code) și [Manualul calității](#) (the Quality Manual).

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

- [Procedura privind elaborarea procedurii documentate](#) (Procedure for the elaboration of the documented procedure) – establishes the initiation, elaboration, endorsement, approval, as well as the content, format, revision and archiving of any documented procedure by activities, used within the quality management system and internal control system / managerial at the UAIC;
- [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, regarding the initiation, elaboration, approval, dissemination, withdrawal and archiving of documented information (code, guide, regulation, methodology or other documents assimilated to the Quality Management System) within the “Alexandru Ioan Cuza” University of Iași) – establishes the manner and responsibilities regarding the initiation, elaboration, approval, dissemination, withdrawal and archiving of codes, guides, regulations, methodologies as well as other documents assimilated to the Quality Management System at the University level.

At the level of the Faculty of Economics and Business Administration, the Subcommittee for Quality Management is set up, which is subordinated to the central commission. Institutional practices and policies in the field of quality are adapted to the requirements specified in the Methodology on quality assurance, provisional operation authorization, and accreditation of study programs and higher education institutions, carried out by ARACIS, being in accordance with the provisions of Government Emergency Ordinance no. 75/2005 on quality assurance of education and Law no. 87/2006, with subsequent amendments.

Also, in the faculty there is and operates [Comisia pentru evaluarea si asigurarea calității programelor de studii](#) (the Commission for the evaluation and quality assurance of the study programs).



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

The evaluation and quality assurance policies are designed at the university level through the Strategic Plan (SP) and the operational plan (OP). At the level of each faculty, the Strategic and Operational Plans are elaborated, the indicators being in agreement with the PS and PO of the UAIC.

In the Faculty of Economics and Business Administration there is a permanent concern regarding the quality assurance of the educational activity, and the efficient functioning of the quality assurance mechanisms to fulfill the following objectives:

- increasing the capacity of the faculty to provide higher qualifications adapted to the changing requirements of the labor market;
- continuing to promote research programs of excellence;
- increasing international visibility.
- strengthening innovation, cooperation, and networks between faculties of the same profile in the country and abroad, the business environment and research centers;
- increasing the relevance of mathematical higher education for the labor market and the knowledge-based society, through quality university study programs;
- expanding learning opportunities in higher mathematics and computer education.

1.3.3. Stakeholder participation in the quality assurance process

At the basis of the regular evaluation of study programs from the perspective of the needs and objectives identified on the labor market, teaching-learning-evaluation processes, material, and human resources, the concordance between the declared learning outcomes and their evaluation methods are [Regulamentul privind inițierea, aprobarea, monitorizarea și evaluarea](#) (the Regulation on initiation, approval, monitoring, and evaluation) of study programs approved by the University Senate, the UAIC Quality Assurance Code, other documents relevant to the evaluation process.

The Doctoral School of Economics and Business Administration 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 the development of a quality culture. The structures, policies, and strategies adopted create the institutional framework for the effective development and monitoring of quality and the continuous improvement of quality standards. Through the analyzes performed within the Council of the Doctoral School of Economics and Business Administration, the Faculty Council, at the



level of the Methodical Commission or in the other commissions of the faculty, the aim is to look for solutions to possible proposals/observations resulting from monitoring graduates' opinions. These analyzes result in the adaptation of teaching/learning methods, the introduction of notions and technologies resulting from scientific research, a more active communication process with all actors involved in the educational process, etc.

A questionnaire is used in the process of monitoring students' opinions, applied at the end of each semester to students enrolled in bachelor's and master's 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 with the services of the University?). It is launched annually to assess students' perceptions systematically and to better understand what they want from the university. It is important for university representatives to know these aspects, to improve the activities that involve interaction with students at the faculty or library level, the offer of personal and professional development courses, accommodation conditions in dormitories and to focus more on the needs of students.

As proof of the involvement of a diversity of stakeholders in the process of ensuring the quality of doctoral research, we can detail several aspects related to the relationship of SDEAA with the socio-economic environment. There are numerous analyzes and evaluations of public policies as a result of research in the doctoral school, among which we can mention:

- - *Analysis of labor migration policies in Europe* (beneficiary: ITM Iași) - Dr. Cătălin Țacu;
- - *Analysis and forecast of the evolution of the population in Suceava County* (beneficiary: Suceava City Hall) - Dr. Mihaela Seniuc;
- - *Regional development through dry-port* (beneficiary: ADR North-East) - Dr. Cezar Ciortescu.

The companies also benefited from analyzes and projections of process improvement through the research of doctoral students:

- - *Improving marketing strategies for the promotion of Romanian wine* (beneficiary: Cotnari SA Iași) - Dr. Ștefan Matei;
- - *Modeling stock management in the pharmaceutical industry* (beneficiary: Ropharma Iași) - Alin Rădășanu, Ph.D. student.;
- - *Business models for the IT industry* (for the benefit of some companies from Iași) – Marius Alexa, Ph.D. student.

Most research in our fields is applicative and targets the regional and Romanian socio-economic environment. Therefore, the collaboration 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 doctoral students' research being offered free of charge to socio-economic entities under the major role that our University has in the region.

There are, at the level of SDEAA, a series of agreements and partnerships concluded with the socio-economic sector for conducting interdisciplinary research, such as Agreement with the



Financial Supervisory Authority, the National Bank of Romania (BNR), the Romanian Commercial Bank (BCR) and Romanian Development Bank.

Table no. 1.16. Other IOSUD-UAIC agreements and partnerships relevant to the 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
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
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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
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
ARCADIS PROJECT ENGINEERING SA	inchiriere sala 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		
Heaven's sollutions	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 EGLER 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



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
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
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. The interaction between the quality assurance system and university management

Within the “Alexandru Ioan Cuza” University of Iași, there is [Biroul Managementul Calității \(BMC\)](#) or the Office of Quality Management (BMC), which is under the direct coordination of the Vice-Rectorate for master's programs, doctoral studies, quality management, and UAIC Extensions. BMC has an executive role in implementing UAIC strategies and policies in the field of quality management:

- follows the implementation of quality management in faculties/departments and in the university administration;
- ensures the logistical and secretarial support of the Commission for quality management at the university in the realization of syntheses regarding the actions of evaluation, audit, and quality improvement;
- centralizes the results of the periodic measurements of the students' satisfaction regarding the services offered at the university level through the faculty/departments and the administrative structures (admission, educational, social, documentation, administrative, secretarial, counseling services, etc.);
- centralizes the results of the periodic measurements of the employers' satisfaction regarding the training of the university graduates; ways of cooperation to adapt the curriculum to their requirements; ways of cooperation in the field of research; the arrangements for their representation in decision-making bodies;
- proposes solutions to increase the quality of university services, presenting them to the Commission for quality management;
- prepares the annual internal evaluation report on the quality of education, and other evaluation reports made available to external and internal evaluators;
- monitors the implementation of the annual quality improvement plans at the faculty level and the administrative structures of the University based on the annual quality improvement plans at the university level, elaborates and proposes to the Quality Management Plan the Annual Quality Improvement Plan at the university level, to ensure that minimum accreditation standards are met and exceeded, quality standards applied by other external evaluation bodies and performance levels are required to obtain positions in international rankings;
- pursues the positioning of the University in the national and international rankings and performs analyzes to substantiate the strategies for improving these positions;
- submits these analyzes to the Commission for Evaluation and Quality Management;



- cooperates with the Romanian Agency for Quality Assurance in Higher Education (ARACIS), with other competent agencies and bodies or similar institutions in the country and abroad, according to the law;
- collects and transmits information from third parties, necessary for the members of the University in the actions of certification, institutional evaluation, accreditation;
- disseminates in the University, information regarding the national reference standards and performance indicators for the evaluation and quality assurance in higher education;
- collects and disseminates in the University, information about the standards of European / international evaluation of the quality of higher education;
- prepares all quality assurance documents and monitors the fulfillment of the decisions taken.

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

- **Comisia pentru Managementul Calității** (Commission for Quality Management) president - associate professor dr. Florin BRÎNZĂ - at University level.

The Commission for Quality Management is organized and operates in accordance with the provisions of the National Education Law and of [Legii 87/2006](#) (Law 87/2006) for the approval of [Ordonanței de Urgență a Guvernului 75/2005](#) (the Government Emergency Ordinance 75/2005) on ensuring the quality of education. The commission is subordinated to the Board of Directors of the University and is chaired by a chairman, appointed by the Board of Directors.

- **Comisiile de evaluare și asigurare a calității** (Evaluation and quality assurance commissions) at faculty level - performs 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 external evaluations of faculty study programs.

1.3.5. Transparency and access to information

The web page of the Doctoral School of Economics and Business Administration is <https://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 field of research of interest;
- the minimum standards for obtaining the authorization 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 entrance exam;
 - information on the competition schedule, fees, number of places, and the content of the file.

In addition to this information, the announcements on *the public presentation of the habilitation theses, the doctoral theses*, and the public support of the research reports within the individual scientific research program of the doctoral students are published on the website.

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

Representatives of the business community are often invited to exchange information directly with students and professors, regardless of level (bachelor's, master's, or doctorate) - for example:

- **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>);
- **Real internships** (<https://profs.info.uaic.ro/~stagiidepractica/>);
- **Coaching experience** (<http://portal.feaa.uaic.ro/stiri/Documents/Arhiva%202017-2018/Coaching-Experience.aspx>);
- **KPMG Day at the 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 internal evaluation procedure of the quality of the doctoral studies offered by the Doctoral School of Economics and Business Administration is provided in the own Regulation of organization:

The internal evaluation of the quality of the doctoral university study program and of the performances of the doctoral supervisors is carried out annually, in the first three months of the following year, by the internal evaluation commission, appointed by the Doctoral School Council. In the event of a tie, the person in charge of the committee shall have a casting vote. The internal evaluation commission has the following attributions:

- (a) verify compliance with the minimum standards for maintaining membership of the Doctoral School in accordance with the Annex to the Regulations;



- (b) propose to the Doctoral School Council the criteria for the annual internal evaluation;
- (c) request from doctoral students and doctoral supervisors the data necessary for the evaluation and verify this data;
- (d) analyze the data received and draw up the internal evaluation report;
- (e) submit the evaluation reports to the Doctoral School Council;
- (f) propose ways to improve the activity. Doctoral students and doctoral supervisors have the obligation to present to the commission the data requested for evaluation.

The internal evaluation of the performances of the doctoral supervisors takes into account the quality of the results obtained by them in the research and in the guidance of the doctoral students. Indicators regarding the scientific activity of doctoral supervisors include:

- (a) the results of scientific research (publications) and the recognition of such results (citations, scientific distinctions);
- (b) organization and participation in scientific events, editorial activity, activity in professional forums and associations.

Indicators regarding the guidance activity of doctoral students include:

- (a) the results of the scientific research obtained by the guided doctoral students materialized through the publications resulting from the thesis;
- (b) participation of doctoral students in conferences, summer schools, lectures, scientific seminars, etc.

The internal evaluation of the quality of the doctoral study programs aims at:

- (a) the mission and objectives of the doctoral study program;
- (b) the content and curriculum of the doctoral study program;
- (c) developing and publishing the results of the program of advanced studies and research;
- (d) public access, in electronic format, to abstracts of publicly defended doctoral theses;
- (e) specific requirements of the different teaching methods and forms of conduct;
- (f) the existence of the means of documentation, learning, and research, as well as the logistics of doctoral students;
- (g) staff involved in the conduct of study programs;
- (h) the modalities for assessing the knowledge and testing of doctoral students' skills, as well as monitoring progress during training.

The active internal evaluation commission at the level of the Doctoral School of Economics and Business Administration currently has the following composition:

- prof. Adriana ZAIȚ, Ph.D.
- prof. Daniela AGHEORGHIESEI, Ph.D.
- prof. Mircea GEORGESCU, Ph.D.
- prof. Ovidiu STOICA, Ph.D.
- Aurelia ILIEȘ, Ph.D. Student
- Cristian TERZA, Ph.D. Student



1.3.7. Internal quality assurance system - a tool for quality management and improvement of education and other activities

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

At the level of the Faculty of Economics and Business Administration, within which operates the Doctoral School of Economics and Business Administration, activates the subcommittee for quality management, which performs 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 external evaluations in the faculty. The evaluation is based on the *Regulation on the initiation, approval, monitoring, and periodic evaluation of study programs* approved by the University Senate, [Manualul calității](#) (the Quality Manual), [Codul de Asigurare a Calității al UAIC](#) (the UAIC Quality Assurance Code), and other documents relevant to the evaluation process.

The quality policies within the Alexandru Ioan Cuza University of Iași refer to:

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

The strategies for quality assurance within the University aim at:

- orientation towards meeting the requirements and expectations of students, employers, and other stakeholders;
- the proactive attitude of the institution's management in the issue of quality, which is expressed by creating an environment suitable for performance on all dimensions of the activity;
- addressing the quality issue in strategic terms: mission, values, principles, policies, strategies, objectives;
- keeping under control and continuous improvement of the processes in the institution;
- staff involvement and accountability;
- concern for the development of a culture of quality;
- identifying relevant quality indicators and introducing internal evaluation mechanisms;
- documenting the system in order to provide objective evidence that creates trust;



- comparative analyzes with other universities, possibly from abroad, to identify and take over the best practices in the field of quality assurance;
- specialized training of staff employed in the field of quality and general training in quality assurance of all staff.

The measures adopted by the “Alexandru Ioan Cuza” University of Iași regarding quality, through the members of the Quality Management Commission and the Quality Management Bureau refer to:

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

"Alexandru Ioan Cuza" University of Iași requested and had external evaluations carried out by the European Commission (2000, for the ECTS system), by the Salzburg Seminar (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 in the evaluation reports contributed to the institutional improvement.

Regarding the internal evaluation, in the “Alexandru Ioan Cuza” University of Iași, annual evaluations of the quality of study programs and support services take place.

„Alexandru Ioan Cuza” University of Iași is in a collaborative relationship with the Romanian Agency for Quality Assurance in Higher Education for the external evaluation of quality at the institutional level.

The Quality Management Bureau maintains contact with the quality assurance commissions of the 15 faculties and with the heads of their administrative departments to ensure the institutional evaluation.

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

Within IOSUD-UAIC, the evaluation of the activity of the doctoral schools is performed annually, within the process of elaborating the annual activity report of UAIC. The doctoral schools contribute to the realization of this report by providing information on the scientific activity of the doctoral supervisors, the existing infrastructure and logistics at the level of the doctoral school, and proposals on completing the necessary for the good development of the activity, etc. Also, within the operational plan elaborated annually by the faculty management, objectives and activities are provided for the development of the activity in optimal conditions.

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

- periodic evaluation of the research activity;



- updating data on research results;
- the use of evaluation grids that make particular use of relevant publications;
- supporting the members of the teaching staff for obtaining and conducting research grants (information on the competitions launched, administrative support, etc.);
- prompt dissemination, within the Faculty, of the information regarding the internal and international competitions for obtaining the research grants, the creation, and development of the research grants;
- organizing scientific events with international participation;
- supporting the regular conduct of scientific seminars;
- encouraging the international mobility of academic staff and students within the projects and consortia of which the University is a part;
- observing the spirit of collective leadership, including by organizing biannual general meetings with faculty members, regular briefings, etc .;
- periodic risk assessment and establishment of necessary measures.



2. SELF-ASSESSMENT ON THE DEGREE OF PERFORMANCE OF CRITERIA, STANDARDS, AND PERFORMANCE INDICATORS

2.1. INSTITUTIONAL CAPACITY (A)

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

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

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

Performance indicator A.1.1.1. Existence of specific regulations and their application at the level of the doctoral school of which the field of doctoral university studies is part:

a) regulamentul școlii doctorale;

At the level of IOSUD – The „Alexandru Ioan Cuza” University of Iași, so also within the Doctoral School of Economics and Business Administration, including for the field of BUSINESS INFORMATION SYSTEMS, according to the legal provisions in force, doctoral studies are carried out on its own regulation, adopted by the Senate "Alexandru Ioan Cuza" University of Iasi.

Thus, for the evaluated period, the following regulations were applied at the level of IOSUD-UAIC ([APPENDIX 10](#) or <https://www.uaic.ro/despre-uaic/documentele-universitatii/>):

- *The institutional regulation for the organization and functioning of doctoral university studies, adopted in the meeting of the Senate of the “Alexandru Ioan Cuza” University of Iași from 25.04.2013 - valid for the period 2013-2017;*
- *The institutional regulation for the organization and functioning of the doctoral university studies, adopted in the meeting of the Senate of the “Alexandru Ioan Cuza” University of Iași from 27.06.2017 - valid for the academic year 2017-2018;*
- *The institutional regulation for the organization and functioning of doctoral university studies, adopted in the meeting of the Senate of the “Alexandru Ioan Cuza” University of Iași from 28.06.2018 - starting with the academic year 2018-2019;*
- *The institutional regulation for the organization and functioning of doctoral university studies, adopted in the meeting of the Senate of the “Alexandru Ioan Cuza” University of Iași from 27.06.2019 - starting with the academic year 2019-2020;*
- *The institutional regulation for the organization and functioning of doctoral university studies, adopted in the meeting of the Senate of the “Alexandru Ioan Cuza” University of Iași from 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 evaluated period, these being ([APPENDIX 6](#) or <http://doctorat.feaa.uaic.ro/documente>):

- *The regulation regarding the development of doctoral studies at the Doctoral School of Economics and Business Administration, approved by the Council of Doctoral Studies IOSUD-UAIC in the meeting of 18.07.2013;*
- *The regulation regarding the development of the activities at the Doctoral School of Economics and Business Administration, approved by the IOSUD-UAIC Doctoral Studies Council in the meeting of 07.03.2018.*

b) the methodology for conducting the elections for the position of director of the Doctoral School Council (CSD), as well as the election by the students of the representative in the CSD, and evidence of their development;

The management of the Doctoral School of Economics and Business Administration is provided by a Director established according to the legal provisions ([APPENDIX 11](#)) and a Council of the Doctoral School, elected by the General Assembly of doctoral supervisors, respectively by doctoral students working in it, the results of these procedures being validated by the Senate of the University "Alexandru Ioan Cuza" in Iasi by Decision no. 3 from 27.07.2017 ([APPENDIX 4](#)):

- prof. Adriana ZAIȚ, Ph.D. - Director of SDEAA;
- prof. Mircea Radu GEORGESCU, Ph.D. – member of CSD;
- prof. Ovidiu STOICA, Ph.D. – member of CSD;
- prof. Daniela Tatiana AGHEORGHIESEI, Ph.D. – member of CSD;
- prof. Elio BORGONOVİ, Ph.D. – member of CSD;
- prof. Lucian CROITORU, Ph.D. – member of CSD;
- Paula Andreea TERINTE, Ph.D. Student – a member of CSD;
- Paula ROIBU (căs. CRUCIANU) , Ph.D. Student – a member of CSD.

Subsequently, with the graduation of the doctoral studies by the two representatives of the doctoral students, two other representatives were elected ([APPENDIX 26](#)), these being:

- Aurelia ILIEȘ, Ph.D. student – a member of CSD;
- Cristian TERZA, Ph.D. student – a member of CSD.

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

The entrance exams for doctoral studies took place every year ([APPENDIX 12](#)), based on its own methodology, for the academic year 2020-2021 being applied *the Methodology on the organization and conduct of admission to the cycle of doctoral studies for the academic year 2020-2021*, approved by the Senate Decision of the University "Alexandru Ioan Cuza" in Iasi no. 10 of



30.01.2020 (note that this was completed with a specific procedure for conducting the admission contest online, given the restrictions related to the pandemic).

Regarding the completion of doctoral studies, there are specific provisions in the Institutional Regulation for the organization and functioning of doctoral studies, being regulated separately the way of public defense of doctoral theses in online format, given the restrictions related to the pandemic, through *the Operational Procedure regarding the completion of doctoral university studies, the submission of the doctoral thesis for public online defense for the period of the state of emergency and the possible consequences arising from it* ([APPENDIX 13](#)).

d) the existence of mechanisms for the recognition of the quality of doctoral supervisor and for the equivalence of doctorates obtained in other states;

At the level of the “Alexandru Ioan Cuza” University of Iași, specific mechanisms for the recognition of the quality of doctoral supervisor and for the equivalence of the doctorate obtained with other states have been adopted and applied, as follows:

- *System procedure regarding the automatic recognition by the “Alexandru Ioan Cuza” University of Iași of the quality of doctoral supervisor obtained in foreign accredited university educational institutions no. 1423 from 31.01.2017* ([APPENDIX 14](#));
- *System procedure regarding the recognition by the “Alexandru Ioan Cuza” University of the doctoral diploma and of the doctoral degree in sciences or in a professional field obtained in university education institutions accredited from abroad no. 1422 from 31.01.2017* ([APPENDIX 15](#)).

e) functional management structures (Doctoral School Council), including proving the regularity of convening meetings;

At the level of the Doctoral School of Economics and Business Administration, the management structures are functional, being proven the regularity of convening and conducting the meetings of the Doctoral School Council. ([APPENDIX 27](#))

f) doctoral studies contract;

According to the legal provisions, between IOSUD – The „Alexandru Ioan Cuza” University of Iași and each doctoral student enrolled at this higher education institution, a contract of doctoral studies is concluded ([APPENDIX 16](#)), its format is completed (in the first part of the reporting period) with an additional act aiming at the application of the CNATDCU minimum standards for the granting of the doctoral degree ([APPENDIX 17](#)) – currently, these provisions are found in the contract.

g) internal procedures for analysis and approval of proposals on the subject of the training program based on advanced university studies.



The training program based on advanced university studies (PPUA) is monitored and evaluated periodically (every 5 years) by CSD - SDEAA, according to the School Regulations (art. 6.1.2 and 6.1.3). The CSD initiates debates every year to approve the possible change of the 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 the doctoral students and to the national and international educational context.

Performance indicator A.1.1.2. The regulations of the doctoral school include criteria, procedures, and mandatory standards for the aspects specified in art. 17 para. (5) of the Code of doctoral studies, approved by Government Decision no. 681/2011, with subsequent amendments and completions.

The Regulation of the Doctoral School of Economics and Business Administration includes all the mandatory provisions related to criteria, procedures, and standards regarding aspects specified in art. 17, para. 5 of H.G. 681/2011 ([APPENDIX 6](#)).

Thus, regarding the *acceptance of new doctoral supervising members, as well as regulations regarding the way in which a doctoral supervisor can withdraw the quality of member of the doctoral school*, art. 3.1. (2) refers to the existence of its own procedure for affiliation to SDEAA (presented in Annex R3 to this Regulation), while art. 3.1. (4) and 3.1. (5) contain provisions related to the way in which the quality of doctoral supervisor affiliated to SDEAA can be withdrawn.

The decision-making mechanisms 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, dedicated especially to the Advanced University Studies Program, being underlined both the role of the doctoral school, which establishes a curricular offer developed over a period of 14 weeks - art. 6.2. (4), but also that of the doctoral supervisor, who must advise the doctoral student regarding the choice of the study elements from the curricular area proposed by the doctoral school - art. 6.2. (5).

At the same time, there are explicit provisions regarding *the procedures for changing the doctoral supervisor of a certain doctoral student*, within the same field of doctoral university studies, through art. 3.1. (8) and art. 3.1. (9), and the *conflict mediation procedures*, being relevant, in this sense, art. 3.1. (11).

Regarding *the conditions under which the doctoral program can be interrupted*, art. 5.3. (1) explicitly stipulates the solid reasons for which the doctoral student may request the interruption of the doctoral studies, while art. 5.3. (2) includes details related to the impact of the interruption of doctoral studies on the funding, the eligibility of the expenses incurred, the ceiling of doctoral students for the scientific director, etc.



The regulations of the Doctoral School of Economics and Business Administration insist on the aspects related *to the ways of fraud prevention in scientific research, including plagiarism*, allocating an entire chapter to these elements. Thus, chap. 8 is entitled *Research Ethics and Principles for the Prevention of Academic Fraud* and includes eight articles on essential provisions applicable in this field throughout the doctoral course.

Ensuring access to *research resources* is taken into account by the Regulations of the Doctoral School of Economics and Business Administration, which refers (via art. 4.3. (1)) to art. 16 of *the Institutional Regulation for the organization and functioning of doctoral studies, which provides that during the course of doctoral studies, the doctoral student has the right ... (d) to benefit from logistics, documentation centers, libraries, and equipment University for the elaboration of research projects and doctoral thesis.*

Last but not least, the Regulation of the Doctoral School of Economics and Business Administration includes provisions related *to the attendance obligations of doctoral students*, art. 5.1 (1) and 5.1 (2) being relevant in this respect.

2.1.1.2. Logistics resources (A.1.2.)

Standard A.1.2. IOSUD has the logistical resources necessary to fulfill the mission of doctoral studies.

Performance indicator A.1.2.1. Existence and effectiveness of an adequate computer system for the record of doctoral students and their academic background

Within IOSUD – The „Alexandru Ioan Cuza” University of Iași, there is implemented an adequate computer system for the record of doctoral students and their academic path, called eSims and resulting from the implementation of the project *Integrated computer system for managing students' professional activities in the context of transformations by the Bologna process*, funded by the Ministry of Education and Research ([APPENDIX 18](#)). It has been completed and permanently improved so far by the specialists employed within the Department of Statistics and Computerization of IOSUD-UAIC, in order to better meet the needs of the higher education institution.

According to the *Project Completion Protocol* ([APPENDIX 19](#)), the computer system can be used by two categories of users: occasional users (students and teachers), 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 has been actively involved in the implementation of the *Single Enrollment Register* throughout the country, successfully promoting and finalizing two



projects funded by CNFIS through *the Institutional Development Fund* to update the database and ensure its compatibility with structure and constraints. *Single Enrollment Register*:

- FDI project entitled *Ensuring transparency in student management and implementation of the Single Matriculation Register of Romanian Universities within the “Alexandru Ioan Cuza” University of Iași*, project code: CNFIS-FDI-2016-0021, 2016, project director: prof.univ .dr. Liviu-George MAHA;
- FDI project entitled *Ensuring transparency in student management and implementation of the Single Matriculation Register of Romanian Universities within the “Alexandru Ioan Cuza” University of Iași*, project code: CNFIS-FDI-2017-0084, 2017, project director: prof.univ .dr. Liviu-George MAHA.

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

The „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, so also in terms of doctoral theses ([APPENDIX 20](#)). Thus, starting with 2006, within IOSUD-UAIC, the special module for this functionality was used within the e-learning platform Blackboard - SafeAssign, the “Alexandru Ioan Cuza” University of Iași being among the first higher education institutions in Romania that the only public university that purchased this e-learning platform also invested in this direction.

Licenses to use this application have been extended each year through successive purchase agreements ([APPENDIX 21](#)), because starting with 2018, with the decision to adopt another technical solution based on *Moodle* to provide the e-learning platform for distance and part-time education, the *Turnitin* application will be purchased annually ([APPENDIX 22](#)). Thus, the access of all the teachers from the “Alexandru Ioan Cuza” University of Iași, so also of the doctoral supervisors, as well as the possibility of the doctoral students to use a computer program to verify the percentage of similarity in the doctoral theses is ensured.

2.1.1.3. Financial resources (A.1.3.)

Standard A.1.3. IOSUD ensures that financial resources are used optimally, and the revenues obtained from doctoral studies are supplemented by additional funding to that provided by the Government.

Performance indicator A.1.3.1. Existence of at least one research or institutional development / human resources grant in implementation at the time of submission of the internal evaluation file, for the field of doctoral studies analyzed, or the existence, at the



level of the field, of at least 2 research or development grants institutional development / human resources obtained by doctoral supervisors in the field evaluated in the last 5 years. The grants address topics relevant to the field and are usually conducted with the involvement of Ph.D. students.

At the time of submitting the evaluation file, IOSUD - "Alexandru Ioan Cuza" University of Iasi implements several grants/research or institutional development projects involving doctoral supervisors or doctoral students in the field of BUSINESS INFORMATION SYSTEMS, as follows:

· “Research As A Service - Iași” (RaaS-IS), POC / 398/1/124759, director prof. Marin Fotache, Ph.D., the total eligible non-reimbursable budget of 4,982,978.23 lei. (The project aims to develop a private cloud infrastructure and create the conditions for the establishment of a team of experts able to provide, in a private cloud, within the RaaS-IS center, a wide range of storage, processing, modeling, and analysis services of large data <https://www.uaic.ro/uaic-a-castigat-un-proiect-de-peste-un-milion-de-euro/>)

At the same time, during the reporting period, the doctoral coordinators in the field of BUSINESS INFORMATION SYSTEMS also implemented other projects, such as:

- Project PN-III-P1-1.1-MC-2018-2607, Program 1 Subprogram 1.1 - Human Resources “Assimilation of technological quality in BIO-TECHNOLOGY-economic SYSTEMS”, MOBILITY PROJECTS FOR RESEARCHERS (Budget 19 553 RON), Executive Unit for the Financing of Higher Education, Research, Development and Innovation (UEFISCDI), - Project manager - prof. ȚUGUI Alexandru, Ph.D.;
- PROJECT “Development of entrepreneurial skills for doctoral and postdoctoral students in the field of economics”, POCU / 380/6/13/125015, ASE Bucharest Project Coordinator, 2019 - present, responsible partner of UAIC Iasi, prof. Mircea Georgescu, Ph.D.;
- Project PN-III-P1-1.1-MC-2019-0147, Program 1 Subprogram 1.1 - Human Resources “Ethics and good practices in software testing”, MOBILITY PROJECTS FOR RESEARCHERS (Budget 10895 RON), Funded by the Executive Unit for Funding Of Higher Education, Research, Development and Innovation (UEFISCDI), - Project manager - prof. ȚUGUI Alexandru, Ph.D.;
- Project PN-III-P1-1.1-MC-2019-0123, Program 1 Subprogram 1.1 - Human Resources “Technological singularity in the conditions of limiting Artificial Intelligence”, MOBILITY PROJECTS FOR RESEARCHERS (Budget 12 094 RON), Funded by the Executive Unit for Financing of Higher Education, Research, Development and Innovation (UEFISCDI), - Project manager - Prof. univ. dr. ȚUGUI Alexandru, Ph.D.;
- POCU / 379/6/21/124662 UBB Entrepreneur (A-UBB), lect. Daniel Homocianu, Ph.D. (member - simulation/modeling specialist), The total value of the project is 7,876,679.50 lei.

Performance indicator * A.1.3.2. The proportion of doctoral students existing at the time of evaluation, who receive, for a minimum of six months, sources of funding other than



government funding, through scholarships awarded by individuals or legal entities or are financially supported by research or institutional development / human resources grants, is at least 20%.

When compiling and submitting the evaluation file for the doctoral studies field BUSINESS INFORMATION SYSTEMS, a doctoral student collaborates in a project with a clearly defined purpose of the research activity, carried out by the "Alexandru Ioan Cuza" University of Iasi, namely Ph.D. CLUCI MARIUS-IULIAN - the project "Research As A Service - Iași" (RaaS-IS), POC / 398/1/124759, coordinated by prof.univ.dr. Marin FOTACHE.

In addition, five Ph.D. students in the field of BUSINESS INFORMATION SYSTEMS are beneficiaries of financial support (scholarships, settlement for conferences, article publishing fees, national and international internships, etc.) within doctoral scholarship projects funded by the Human Capital Operational Program 2014-2020 or Jean Monnet:

- TALABA GEORGE-DANIEL, Ph.D. student (project POCU / 380/6/13/123623 - : "Doctoral students and postdoctoral researchers ready for the labor market!": https://www.uaic.ro/wp-content/uploads/2019/10/Lista_candidatilor_admisi_doc.pdf)
- TEIU CODRIN, Ph.D. student (project POCU / 380/6/13/125015 "Development of entrepreneurial skills for doctoral and postdoctoral students in the field of economic sciences": https://conference.ase.ro/pdf/BASIQ_2020_Conference_proceedings.pdf)
- ROMANOV NICOLAI, Ph.D. student
- CLUCI MARIUS IULIAN, Ph.D. student
- ANASTASIEI IONUȚ – DANIEL, Ph.D. student

the last three benefiting from funding through the SESYR Sustainable Education project through European Studies for Young Researchers Jean Monnet Module 587359-EPP-1-2017-1-EN-EPPJMO-MODULE: <https://philarchive.org/archive/CONSED-3>

Thus, 5 Ph.D. students enrolled in the field of BUSINESS INFORMATION SYSTEMS within the Doctoral School of Economics and Business Administration ([APPENDIX 23](#)) benefit (or have benefited), for a period of at least six months, from sources of funding other than government funding, through scholarships from individuals or legal entities or are financially supported by research or institutional development / human resources grants, which represents a share of 27.77% in the total number of doctoral students (including the 6 who obtained the doctoral degree) assigned to this field (18), ie above the lower limit (20%) provided by the ARACIS standards.

Performance indicator * A.1.3.3. At least 10% of the total amounts related to doctoral grants obtained by the university through the institutional contract and tuition fees collected from doctoral students, from the form of paid education, are used to finance the training costs of doctoral students (participation in conferences, summer schools, courses, internships abroad, publication of specialized articles or other specific forms of dissemination, etc.).



The verification of the degree of fulfillment of this criterion presupposes the existence of detailed evidence of this kind of expenses at the level of doctoral school, field of doctoral studies, and doctoral student; Before 2018 IOSUD-UAIC, the faculties within the “Alexandru Ioan Cuza” University of Iași and the Financial-Accounting Department performed this management only at IOSUD and faculty level, so we made estimates based on the information received from the responsible person, according to SDEAA Regulation, SDEAA budget management - Mr. Iulian CLAIN, Chief Administrator of the Faculty of Economics and Business Administration (asf@uaic.ro). Starting with 2018, the budgets related to SDEAA were extracted separately.

Thus, the estimation of the incomes related to each academic year was made taking into account the number of doctoral students in an internship (enrolled starting with the academic year 2016-2017) who occupy budgeted places and the amount of a doctoral grant (about 23,000 lei, given the differences recorded by 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 by the fees paid by doctoral students in internships.

To estimate the expenses, the participation fees for various conferences or scientific events organized by SDEAA through the Faculty of Economics and Business Administration or for which they had the quality of partner or co-organizer that the doctoral students did not pay were taken into account, the expenses being borne by the FEAA from its revenues, including sponsorships, to these being added the expenses related to the travel of the SDEAA doctoral students to various scientific events.

2016-2017

- total income from doctoral grants (82 Ph.D. students in internship) - 1,414,500 lei
- total income from fees (22 Ph.D. students in internship) - 92,400 lei



2017-2018

- total income from doctoral grants (82 Ph.D. students in internship) - 1,886,000 lei
- total income from fees (22 Ph.D. students in internship) - 108,000 lei

2018-2019

- total income from doctoral grants (82 Ph.D. students in internship) - 1,414,500 lei
- total income from fees (22 Ph.D. students in internship) - 92,400 lei

2019-2020

- total income from doctoral grants (88 Ph.D. students in internship) - 1,602,400 lei
- total income from fees (21 Ph.D. students in internship) - 126,000 lei

2020-2021

- total income from doctoral grants (74 Ph.D. students in internship) - 1,090,050 lei
- total income from fees (37 Ph.D. students in internship) - 149,850 lei

- Ph.D. students participating in GEBA 2015 - 30;
- Ph.D. students participating in GEBA 2016 - 33;
- Ph.D. students participating in GEBA 2017 - 29;
- Ph.D. students participating in GEBA 2019 - 24;
- Ph.D. students participating in GEBA 2020 - 2;
- Ph.D. students participating in the ASE 2018 Conference (Dr. Sebastian TOCAR and Dr. Mihaela STIR) - 2;
- Ph.D. students participating in the Creative Industries Conference (Dr. Mihaela STIR, Dr. Carmit Moshe ROZENTHAL, Dr. Ortal KANTOROVITZ) - 3;
- Ph.D. students participating in ERMAS 2018 - 4;
- **total expenses related to participation fees: $118 \times 100 \text{ EUR} \times 4.8 \text{ lei} / \text{EUR} = 56,640 \text{ lei}$;**
- expenses related to travel made by doctoral students in order to participate in scientific conferences (Dr. Daniela BĂLUȚEL - 3,550 lei, Dr. Otilia OPREA - 3,264 lei, Dr. Nicoleta PINTILIE - 4,427 lei, Dr. Nicu SPRÎNCEAN - 6,985 lei) - 18,226 lei; drd. JELEA Alexandra Raluca - 1652, drd. MURARIU (PLEȘCA) Mihaela - 1540



- Doctoral grants with non-reimbursable funds, which involved own financial resources in the form of co-financing from own revenues in total
 - Project title: "Development of entrepreneurial skills for doctoral and postdoctoral students in the field of economics"
 - SMIS Code 2014+: 125015
 - Own contribution (2%) 32,766.25 lei
 - Non-reimbursable financing 1,605,546.23 lei
 - Project title: "Identifying and analyzing the expectations of employers and graduates of Alexandru Ioan Cuza University of Iași (UAIC) regarding access and integration on the labor market"
 - CNFIS-FDI-2017-0316 code
 - Own contribution 6,500 lei
 - Project value 137,000 lei
 - Project title: "Development and support of entrepreneurship among students and graduates of the University" Alexandru Ioan Cuza "in Iasi (UAIC)"
 - CNFIS-FDI-2018-0048 code
 - Own contribution 14,000 lei
 - Project value 156,000 lei
 - Project title: "Today's UAIC students - entrepreneurs for a sustainable future"
 - CNFIS-FDI-2019-0252 code
 - Own contribution 25,790 lei
 - Project value 250,790 lei
 - Project title: "Student entrepreneurship for a competitive economy"
 - CNFIS-FDI-2020-0553 code
 - Own contribution 26,000 lei
 - Project value 196,000 lei

Total income from doctoral grants - 6,995,100 lei

Total expenses Conferences and trips - 96,284 lei

Total co-financing expenses - 72,290 lei

- **TOTAL EXPENSES = 168,574 lei.**

**INDIRECT EXPENSES:**

- Organization of the National Conference of Doctoral Schools from the University Consortium, Economic Sciences and Public Administration sections, UAIC Iași, June 27-30, 2019

TOTAL ESTIMATE (60 PARTICIPATING DOCTORAL STUDENTS) 7730 lei

- Software for quality data processing ATLAS.ti Educational Single User License (PC + Mac),

pcs. 1 x 3002.37 = 3002.37 lei

- NVivo 12 Plus quality data processing software

pcs. 1 x 3625.93 = 3268.93 lei

- Microsoft Windows 10 Professional license pcs 5 x 940 = 4700 lei

TOTAL INDIRECT EXPENSES 18,701.3 lei

To the expenses for conferences and other training activities for doctoral students are added those occasioned by the conference organized in 2019 together with the partners from Israel, namely, the Conference "Advances in social sciences research - multidisciplinary perspectives", May 23, 2019, Holon, Israel. The conference was attended by 19 SDEAA Ph.D. students from all years of study, the total value being 9,500 lei (Ph.D. students from Israel, FEAA registered).

REBS PUBLICATION EXPENSES (SDEAA Journal):

5 doctoral students 2020, 6 doctoral students 2019, 5 doctoral students 2018, 3 doctoral students 2017, 3 doctoral students 2016,

Total publishing expenses = 11,000 lei

GRAND TOTAL OF EXPENSES = 207,775.3 lei



Consequently, the percentage calculated for the total evaluation period is 2.98%. The percentage for the period 2015-2019 was 4.37%. Given that 2020 has been affected by the pandemic (with a drastic reduction in physical travel, on the one hand, and a reduction in spending on online conferences, plus the organization of free conferences, on the other), we can consider that the allocated budget it was correct and will increase as soon as normal, face-to-face activities are resumed.

The percentage established at the previous evaluation was 5%, and SDEAA approached this percentage - by 4.37%. Currently, although the new 10% is not reached, established, and communicated as an evaluation standard in 2020 (retroactively), the concern shown by IOSUD-UAIC, FEAA, and SDEAA to support, including financially, the training of Ph.D. students through participation in conferences, summer schools, courses, internships abroad, publication of specialized articles or other specific forms of dissemination, etc., a prerequisite for fulfilling this requirement in the next period.

2.1.2. Research infrastructure (A.2.)

Standard A.2.1. IOSUD has a modern research infrastructure that supports the development of activities specific to doctoral studies.

Performance indicator A.2.1.1. The spaces and the material endowment of the doctoral school allow the accomplishment of the research activities, in the evaluated field, under the assumed mission and objectives (computers, specific software, apparatus, laboratory equipment, library, access to international databases, etc.). The research infrastructure and the offer of research services are presented publicly through a profile platform. The research infrastructure described above, acquired and developed in the last 5 years, will be highlighted separately.

The spaces and the material endowment of the Doctoral School of Economics and Business Administration allow the realization of the research activities in the field of BUSINESS INFORMATION SYSTEMS, under the mission and the assumed objectives. Thus, the headquarters of the Doctoral School of Economics and Business Administration is located in the R Corps of the "Alexandru Ioan Cuza" University of Iași, located on Al. Lăpușneanu, no. 14, Ph.D. students can use individual offices/study rooms equipped with 10 Lenovo All-In-One desktop systems, laptops, and multifunction. Also, in the same modern building, the activities organized by SDEAA are carried out, namely courses, seminars, workshops, conferences, public defenses of doctoral theses, etc., all rooms benefiting from the most modern facilities: smart tablets, laptops, sound system, Internet connection, etc.



In addition to the mini-library intended exclusively for doctoral students in the individual study room (R411), 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 economic field, but, given the many disciplines that are connected with it, it also has publications in the socio-political fields, history, geography, as well as a collection of reference works (encyclopedias, dictionaries, monographs, legislation). The document collections are composed 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 audio-visual documents; database subscriptions (InfoTrac-Custom Journals; Encyclopedias Britannica online and Universalis online). Logistics includes a network of 100 computers, 3 copiers, 3 printers, an e-mail server, a video surveillance system, a fire, and burglary surveillance system, fingerprint access system, electronic anti-theft system for each volume. Internet browsing is provided by the University's network and is free of charge, and the FEAA Server Department is responsible for ensuring electronic security. For the processing of publications, library software was created by the Database Department, with an online catalog and search engine.

To the educational resources presented above are added the online databases to which the SDEAA community has access with a subscription through ANELIS PLUS 2020 - *National Electronic Access to Scientific Literature to Support the Research and Education System in Romania*, project co-financed by the Fund European Regional Development Program through the Competitiveness Operational Program 2014-2020, which ensures access to databases such as *Science Direct Freedom Collection*, *Scopus*, *SciFinder (CAS)*, *MathSciNet*, etc., to which are added a significant number of other databases to which access can be made through the Central University Library "Mihai Eminescu" in Iasi.

The doctoral coordinators in the field of BUSINESS INFORMATION SYSTEMS, as well as some of the doctoral students enrolled in this field of doctoral studies, are already active in the POC SMIS project 124759 - RaaS-IS (Research as a Service Iasi) coordinated by prof. Marin Fotache, Ph.D.

2.1.3. Human resource quality (A.3.)

2.1.3.1. Ph.D. supervisors (A.3.1.)

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

Performance indicator A.3.1.1. Within the doctoral field, at least three doctoral supervisors work and at least 50% of them (but not less than three) meet the minimum standards of the National Council for Attestation of University Degrees, Diplomas and Certificates (CNATDCU) in force at the moment of carrying out the evaluation, necessary and obligatory for obtaining the habilitation certificate.



In the academic year 2020-2021, within the Doctoral School of Economics and Business Administration from the “Alexandru Ioan Cuza” University of Iași, ten scientific doctoral supervisors are affiliated ([APPENDIX 29](#)) to the field of BUSINESS INFORMATION SYSTEMS. They have obtained this quality according to the law, as follows:

No.	Ph.D. supervisor	Document certifying the quality of scientific doctoral supervisor (APPENDIX 8)
1.	prof. Dumitru OPREA, Ph.D.	O.M.5267/05.09.2011
2.	prof. Forin DUMITRIU, Ph.D.	O.M. 5268/05.09.2011
3.	prof. Gabriela MEȘNIȚĂ, Ph.D.	O.M. 5268/05.09.2011
4.	prof. Marin FOTACHE, Ph.D.	O.M. 5679/19.11.2010
5.	prof. Mircea Radu GEORGESCU, Ph.D.	O.M. 5679/19.11.2010
6.	prof. Alexandru ȚUGUI, Ph.D.	O.M. 5679/19.11.2010
7.	prof. Vasile-Daniel PĂVĂLOAIA, Ph.D.	OMEN 4655/30.07.2019
8.	Assoc.prof. Laura Diana RADU, Ph.D.	OMEN 4656/30.07.2019
9.	lect. Sabina-Cristina NECULA, Ph.D. Habil.	OMEN 4654/30.07.2019
10.	lect. Daniel HOMOCIANU, Ph.D. Habil.	OMEN 4653/30.07.2019

Of these, six (60%) meet the minimum CNATDCU standards in force at the time of preparation of this evaluation report, necessary and mandatory for obtaining the certificate of qualification in the field of BUSINESS INFORMATION SYSTEMS, the scores obtained by each of them being:



No.	Ph.D. supervisor (APPENDIX 9)	Meeting CNATDCU minimum standards	Publication score (P)	Citation score (C)	Total score (S)
1.	prof.Mircea-Radu GEORGESCU, Ph.D.	YES	6,8476	9	15,8476
2.	prof.Alexandru TUGUI, Ph.D.	YES	12,0942	6	18,0942
3.	prof.Vasile-Daniel PAVALOAI, Ph.D.	YES	10,8592	5,75	16,6092
4.	Assoc.prof. Laura-Diana RADU, Ph.D.	YES	10,052	10	20,052
5.	lect. Sabina-Cristiana NECULA, Ph.D. Habil.	YES	4,2375	6,75	10,9875
6.	lect. Daniel HOMOCIANU, Ph.D.	YES	11,6194	6	17,6194

Performance indicator * A.3.1.2. At least 50% of the doctoral supervisors in the evaluated doctoral field are holders within IOSUD, employed with the conclusion of an employment contract for an indefinite period.

Nine of the ten doctoral supervisors hold the *Department of Accounting, Economic Informatics, and Statistics (CIES)*, Faculty of Economics and Business Administration, "Alexandru Ioan Cuza" University of Iasi, the former being retired, associate professor and former holder of the same higher education institution.

No.	Ph.D. supervisor	Higher education institution in which he is a holder of a teaching position (if applicable) - http://doctorat.feaa.uaic.ro/admitere
1.	prof. Dumitru OPREA, Ph.D.	Retired (fixed-term employment contract with IOSUD - "Alexandru Ioan Cuza" University of Iasi)
2.	prof. Forin DUMITRIU, Ph.D.	Holder of a teaching position within IOSUD - „Alexandru Ioan Cuza” University of Iași
3.	prof. Gabriela MEȘNIȚĂ, Ph.D.	Holder of a teaching position within IOSUD - „Alexandru Ioan Cuza” University of Iași
4.	prof. Marin FOTACHE, Ph.D.	Holder of a teaching position within IOSUD - „Alexandru Ioan Cuza” University of Iași



5.	prof. Mircea Radu GEORGESCU, Ph.D.	Holder of a teaching position within IOSUD - „Alexandru Ioan Cuza” University of Iași
6.	prof. Alexandru ȚUGUI, Ph.D.	Holder of a teaching position within IOSUD - „Alexandru Ioan Cuza” University of Iași
7.	prof. Vasile-Daniel PĂVĂLOAIA, Ph.D.	Holder of a teaching position within IOSUD - „Alexandru Ioan Cuza” University of Iași
8.	Assoc prof.. Laura Diana RADU, Ph.D.	Holder of a teaching position within IOSUD - „Alexandru Ioan Cuza” University of Iași
9.	lect. Sabina-Cristina NECULA, Ph.D. Habil.	Holder of a teaching position within IOSUD - „Alexandru Ioan Cuza” University of Iași
10.	lect. Daniel HOMOCIANU, Ph.D. Habil.	Holder of a teaching position within IOSUD - „Alexandru Ioan Cuza” University of Iași

Performance indicator A.3.1.3. The disciplines in the training program based on advanced university studies related to the field are supported by teachers or researchers who have the quality of doctoral/qualified supervisor, professor/CS I, or associate professor / CS II with proven expertise in the field of teaching subjects or other specialists in the field that meet the standards set by the institution for the aforementioned teaching and research functions, by the law.

The teaching activities related to the disciplines included in the curriculum are supported by teachers or scientific researchers with experience in the field in which the topic is addressed, the share of those who have the teaching degree of professor or associate professor, as well as those who have the quality of a doctoral supervisor being an overwhelming one.

It should also be mentioned that doctoral supervisors in the field of BUSINESS INFORMATION SYSTEMS are also involved in the teaching of compulsory and optional subjects, as follows:

- prof. Alexandru Țugui, Ph.D. – *Academic Writing II*;
- prof. Alexandru Țugui, Ph.D. – *Societate și tehnologie*.

The centralizing situation of the coverage of the didactic activities related to the disciplines from the curriculum for the academic year 2020-2021 is presented in the following table:

No.	Discipline	Discipline holder	Teaching or research degree	Doctoral supervisor / Qualified
1.	<i>Epistemology</i>	Liviu-George MAHA	professor	YES
2.	<i>Scientific research methodology</i>	Dumitru ZAIȚ	professor	YES



3.	<i>Research methods and quantitative data analysis</i>	Elena Carmen PINTILESCU	professor	YES
		Vasile Dănuț JEMNA	professor	YES
		Mircea ASANDULUI	professor	YES
4.	<i>Research methods and qualitative data analysis</i>	Adriana ZAIȚ	professor	YES
		Claudia Iuliana STOIAN	assoc. professor	NO
5.	<i>Ethics and academic integrity</i>	Daniela AGHEORGHIESEI	professor	YES
		Marius Alin ANDRIEȘ	professor	YES
6.	<i>Advanced research in Economics and International Business</i>	Gabriela Carmen PASCARIU	professor	YES
		Liviu-George MAHA	professor	YES
7.	<i>Academic Writing I</i>	Ileana Oana MACARI	assoc. 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	assoc. professor	YES
9.	<i>Doctoral research in management and marketing - quantitative chain</i>	Andreia-Gabriela ANDREI	assoc. professor	YES
		Bogdan ANASTASIEI	assoc. Professor	NO
		Tudor JIJIE	lecturer	NO
10.	<i>Doctoral research in management and marketing - qualitative field</i>	Ioana Alexandra HORODNIC	assoc. professor	YES
		Silviu Mihail TIȚĂ	assoc. 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
		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 economics</i>	Alexandru ȚUGUI	professor	YES
14.	<i>Sustainability of doctoral research</i>	Adriana PRODAN	professor	YES
		Irina Teodora MANOLESCU	assoc. professor	NO
		Radu Sebastian TUNARU	professor	YES
		Christian Andre CORMIER	Specialist	YES
		Alexandru-Cristian MINEA	Specialist	YES
		Marcel-Cristian VOIA	Specialist	YES

Performance indicator * A.3.1.4. The share of doctoral supervisors who coordinate at the same time more than 8 doctoral students, but not more than 12, during their doctoral studies, does not exceed 20%.

Within the Doctoral School of Economics and Business Administration, the share of doctoral supervisors in the field of BUSINESS INFORMATION SYSTEMS who simultaneously coordinates more than 8 doctoral students, but not more than 12, during their doctoral studies (3 years, at which they can add the legally granted extension periods) is 0%.

The centralizing situation of doctoral students enrolled in the field of doctoral studies BUSINESS INFORMATION SYSTEMS, in the academic year 2020-2021, by doctoral supervisors, is the following:

No.	Ph.D. supervisor	Timely Ph.D. students	Ph.D. students with the extension of the period	Total number of Ph.D. students
1.	prof. Dumitru OPREA, Ph.D.	0	0	0
2.	prof. Forin DUMITRIU, Ph.D.	0	0	0
3.	prof. Gabriela MEȘNIȚĂ, Ph.D.	2	0	2
4.	prof. Marin FOTACHE, Ph.D.	3	2	5
5.	prof. Mircea Radu GEORGESCU, Ph.D.	3	1	4
6.	prof. Alexandru ȚUGUI, Ph.D.	1	0	1
7.	prof. Vasile-Daniel PĂVĂLOAIA, Ph.D.	0	0	0



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8.	assoc.prof. Laura Diana RADU, Ph.D. Habil.	0	0	0
9.	lect. Sabina-Cristina NECULA, Ph.D. Habil.	0	0	0
10.	lect. Daniel HOMOCIANU, Ph.D. Habil.	0	0	0
TOTAL		9	3	12

2.1.3.2. Visibility of the scientific activity (A.3.2.)

Standard A.3.2. The doctoral supervisors in the field carry out an internationally visible scientific activity.

Performance indicator A.3.2.1. At least 50% of the doctoral supervisors in the field subject to evaluation present at least 5 publications indexed Web of Science or ERIH in journals with impact factor or other achievements, with relevant relevance for the respective field, in which there are international contributions that reveal progress in scientific research-development-innovation for the evaluated field. The mentioned doctoral supervisors have international visibility in the last five years, consisting in the quality of member in the scientific committees of the international publications and conferences; membership in the boards of international professional associations; the quality of guest at conferences or groups of experts held abroad or the quality of member of some commissions for the defense of doctoral theses at foreign universities or in co-supervision with a foreign university. For the Arts and Science sciences of sport and physical education, the doctoral supervisors will prove the international visibility in the last five years by being a member of the boards of professional associations, by being a member of the organizing committees of artistic events and international competitions, respectively by membership injuries or arbitration teams in artistic events or international competitions.



Five of the ten Ph.D. supervisors in the field of BUSINESS INFORMATION SYSTEMS working in the Doctoral School of Economics and Business Administration, ie 50%, have published at least five articles in indexed journals Web of Science with zero impact factor (IF), as it follows:

No.	Ph.D. supervisor	Articles in journals indexed in Web of Science with IF	Articles indexed in Web of Science
1.	prof. Mircea Radu GEORGESCU, Ph.D.	6	44
2.	prof. Alexandru ȚUGUI, Ph.D.	12	33
3.	prof. Vasile-Daniel PĂVĂLOAIA, Ph.D.	8	16
4.	assoc.prof.. Laura Diana RADU, Ph.D. Habil.	6	22
5.	lect. Daniel HOMOCIANU, Ph.D. Habil.	14	34

The international visibility for the last five years regarding the doctoral supervisors in the field of BUSINESS INFORMATION SYSTEMS affiliated to the Doctoral School of Economics and Business Administration can be demonstrated by the following aspects ([APPENDIX 24](#), and [APPENDIX 30](#)):

- holding the quality of evaluator ARACIS (Romanian Agency for Quality Assurance in Higher Education) by Mr. Professor Mircea GEORGESCU, in the field of Economic Sciences, from 2010 until now; he is also a member of the editorial committees of * Annales Universitatis Apulensis Series Oeconomica, University of December 1, 1918, Alba Iulia <http://www.oeconomica.uab.ro/colgiu.php?lang=ro> ISSN: 1454-9409 (print) / 2344-4975 (online) / ISSN-L 1454-9409 and also * ECONOMIC JOURNAL Journal, Lucian Blaga University of Sibiu <http://economice.ulbsibiu.ro/revista.economica/editorialboard.php> ISSN 1582-6260, and also that of reviewer for the IBIMA (International Business Information Management Association) and WCIST (World Conference on Information Systems and Technologies) conferences as well as for the MDPI Applied Sciences and Future Internet journals;
- holding the quality of coordinator of ARACIS evaluation and expertise teams by prof.univ.dr. Alexandru TUGUI (since 2007), as well as a member of World Future Society (since 2004), Association of Computer Science and Information Technology (since 2009) or the reviewer for the journals: Journal of Systemics, Cybernetics, and Informatics, IEEE Computers Society, IEEE Security & Privacy, respectively for the International Journal of Computing & Information Technology;
- holding the membership in the editorial committees of Database Systems Journal and Review of Economic and Business Studies by prof.univ.dr. Marin FOTACHE;
- holding the quality of topic-oriented editor and guest editor for Electronics magazine by Mr. Prof.univ.dr. Daniel PAVALOIA as well as his participation as a reviewer for the journals: Frontiers in Psychology, Journal of Consumer Behavior, Electronics, Applied Sciences, Symmetry, Computers, Technology, Entropy, Information, Materials, Remote Sensing,



Algorithms, Future Internet, Mathematics, Sensors, Energies, Processes, Sustainability (MDPI) as well as for the international conferences organized by IBIMA;

- holding the quality of reviewer by Mrs. Laura-Diana RADU, for the IBIMA and ICISS conferences, as well as for the MDPI magazines: Electronics, Energies, Applied Sciences, Sustainability as well as for the Journal of Supercomputing (Springer), respectively European Journal of Innovation Management (Emerald);

- holding the quality of reviewer by Mr. Daniel HOMOCIANU, for the IBIMA and DEMSME conferences, as well as for the journals MDPI: Electronics and Symmetry as well as for the journal Social Indicators Research (Springer) - visible in the Publons profiles.

Performance indicator * A.3.2.2. At least 50% of the doctoral supervisors assigned to a field of doctoral studies continue to be scientifically active, obtaining at least 25% of the score required by the minimum standards CNATDCU in force at the date of the evaluation, necessary and mandatory to obtain the certificate of qualification, on based on scientific results from the last five years.

Five of the ten doctoral supervisors assigned to the doctoral field BUSINESS INFORMATION SYSTEMS have been very scientifically active in the last five years, obtaining, during this period, a score higher than the minimum required by the minimum CNATDCU standards in force at the date of the evaluation, necessary and mandatory for obtaining the habilitation certificate in the field of economic sciences (goo.gl/kqM2fi - pp.70-73)

Table no. 2. Score related to the results of the last 5 years (calculated based on the sheets for meeting the minimum criteria CNATDCU([APPENDIX 9](#)))

No.	Ph.D. supervisor	Publication score (P)	Citation score (C)	Total score (S)
1.	prof. Mircea Radu GEORGESCU, Ph.D.	5.3806	8	13.3806
2.	prof. Alexandru ȚUGUI, Ph.D.	10.4	4	14.4
3.	prof. Vasile-Daniel PĂVĂLOAIA, Ph.D.	10.14	5	15.14
4.	assoc.prof. Laura Diana RADU, Ph.D. Habil.	9.452	8	17.452
5.	lect. Daniel HOMOCIANU, Ph.D. Habil.	11.6194	5.5	17.1194



2.2. EDUCATIONAL EFFECTIVENESS (B)

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

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

Standard B.1.1. The institution organizing doctoral studies can attract candidates from outside the higher education institution or in greater numbers than the number of places financed from the state budget.

*Performance indicator * B.1.1.1. The ratio between the number of master's degree graduates of other higher education institutions in the country or abroad who have entered the competition for admission to doctoral studies in the last five years and the number of places financed from the state budget put up for competition in the field of doctoral studies is at least 0.2 or the ratio between the number of candidates in the last five years and the number of places financed from the state budget put up for competition in the field of doctoral studies is at least 1.2.*

The centralized situation of the candidates for admission to doctoral studies in the field of BUSINESS INFORMATION SYSTEMS, for the reporting period, is presented in the following table:

No.	Admission session	Number of places put up for competition	Number of candidates	Number of master's degree graduates from other higher education institutions in the country or abroad
1.	September 2016	4	1	0
2.	September 2017	5	5	2
3.	September 2018	3	1	0
4.	September 2019	6	4	1
5.	September 2020	5	5	1
TOTAL for 2016-2020		23	16	4



The detailed situation of the candidates graduating from the master's programs from other higher education institutions in the country or abroad who have registered, during the last five years, for the competition for admission to doctoral studies in the field of BUSINESS INFORMATION SYSTEMS is presented in the following table:

No.	Admission session	Candidate	Graduated higher education institution
1.	September 2017	BOGOSLOV V. IOANA - ANDREEA	"Lucian Blaga" University of Sibiu
2.	September 2017	TALABĂ V. GEORGE-DANIEL	Technical University "Gheorghe Asachi" Iasi
3.	September 2019	LEVI M. GUY	Lauder School of Government, Diplomacy and Strategy in collaboration with the International Institute for Counter-Terrorism (ICT) at IDC Herzliya
4.	September 2020	MERTOIU S. GEORGE - BOGDAN	Mihai Viteazul National Academy of Information - Bucharest

In conclusion, the ratio between the number of candidates who have entered the competition for admission to doctoral studies in the field of BUSINESS INFORMATION SYSTEMS in the last five years and who have completed master's studies at other higher education institutions in the country or abroad in the total number of places put up for competition during this period is 0.375 (6/16) for the 6 doctors from 2016-2021, respectively 0.3125 (5/16) for 5 doctors during 2016-2020 (in both situations above the minimum value of 0.2). Also, the ratio between the number of candidates in the last five years and the number of places financed from the state budget is 2 (16/8), ie above the minimum value of 1.2, being able to notice the fact that this doctoral field proved to be attractive and for graduates of master's studies abroad (eg Israel).

2.2.1.2. Academic, research, and professional performance of doctoral 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 that include: the academic, research and professional performance of the candidates, their interest in scientific or artistic / sports research, field publications, and a research topic proposal. . An interview with the applicant is the mandatory part of the admission procedure.



The admission contest to the doctoral studies programs within the Doctoral School of Economics and Business Administration, including the field of BUSINESS INFORMATION SYSTEMS, is made by taking into account some criteria related to the academic, research, and professional performance of the candidates, their interest for scientific research, publications in the field, etc. At the same time, candidates must propose a research topic and carry out a research project based on a unitary structure at the level of the doctoral school. The evaluation of the research project represents 50% of the average at the admission contest, the remaining 50% being allocated to the interview, a mandatory component of the admission contest. ([APPENDIX 12](#)).

Performance indicator * B.1.2.2. The expulsion rate of doctoral students, including after dropping out of studies, at 3 and 4 years after admission, does not exceed 30%.

Analyzing, for each of the last five cohorts of doctoral students (full doctoral internship), the number of doctoral students enrolled in the first year and the number of those who end up being enrolled in the third year, we observe that the expulsion rate does not exceed 30% for any of the promotions analyzed. This is 0% where it can be determined. In this context, the average of the four possible annual expulsion rates is 0%, while the rate calculated for all doctoral students considered for the five cohorts analyzed is also 0%, values below the maximum ceiling of 30% provided by ARACIS standards.

The dynamics of the number of students for the last five cohorts of doctoral students is presented in the following table:

Year of admission	Enrolled doctoral students	Number of Ph.D. students after year 1	Number of Ph.D. students after year 2	Expulsion rate
2016-2017	1	1	1	0%
2017-2018	5	5	5	0%
2018-2019	1	1	1	0%
2019-2020	4	4	It's not necessary	0%
2020-2021	5	It's not necessary	It's not necessary	It's not necessary
TOTAL	16	11	7	0%



2.2.2. Content of doctoral study programs (B.2.)

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

Performance indicator B.2.1.1. The training program based on advanced university studies comprises at least three disciplines relevant for the training in scientific research of doctoral students, of which at least one discipline is intended for the in-depth study of research methodology and/or statistical data processing.

The curriculum for the training program based on advanced university studies for doctoral students enrolled in the doctoral field BUSINESS INFORMATION SYSTEMS includes at least three disciplines relevant to their preparation in terms of scientific research, including a discipline for in-depth study of research methodology, as well as a discipline aimed at statistical data processing ([APPENDIX 7](#) and <http://doctorat.feaa.uaic.ro/fise-discipline>):

- *Epistemology;*
- *Scientific research methodology;*
- *Research methods and quantitative data analysis;*
- *Research methods and qualitative data analysis;*
- *Ethics of scientific research;*
- *Academic Writing.*

Indicator B.2.1.2. There is at least one discipline dedicated to ethics in scientific research and well-defined intellectual or thematic property on these topics within a discipline taught in the training program.

The training program for doctoral students enrolled in the doctoral field of BUSINESS INFORMATION SYSTEMS includes a compulsory discipline entitled ETHICS AND ACADEMIC INTEGRITY, which has 6 hours of course and 8 hours of seminar ([APPENDIX 7](#) and <http://doctorat.feaa.uaic.ro/fise-discipline>). It should also be noted that issues related to ethics in scientific research and intellectual property are also addressed in teaching other subjects in the curriculum, such as *Epistemology*, *Scientific Research Methodology*, *Academic Writing I*, *Academic Writing II*, etc.



Performance indicator B.2.1.3. IOSUD has created mechanisms to ensure that the training program based on advanced university studies, related to the evaluated field, aims at "learning outcomes", specifying the knowledge, skills and responsibility, and autonomy that Ph.D. students should acquire after completing each discipline or through research activities.

IOSUD – The “Alexandru Ioan Cuza” University of Iași has created mechanisms to ensure that the training program based on advanced university studies, related to the field of BUSINESS INFORMATION SYSTEMS, aims at “learning outcomes”, specifying the competencies, skills, and attitudes that Ph.D. students should acquire them after completing each discipline or through research activities. For each discipline provided in the training program based on advanced university studies, the holder of the course draws up a discipline sheet that makes specific references to the knowledge, abilities/skills, competencies, responsibility, and autonomy acquired by doctoral students after its promotion. the level of the doctoral school both in terms of subject sheets and the satisfaction of doctoral students.

Performance indicator B.2.1.4. Throughout the doctoral training period, doctoral students in the field benefit from the counseling/guidance of some functional guidance commissions, an aspect reflected by guidance and points of view expressed in writing or regular meetings.

Ph.D. students enrolled in doctoral studies in the field of BUSINESS INFORMATION SYSTEMS benefit from the advice and guidance of functional guidance commissions. Within the 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, one completed by the doctoral supervisor, one completed by the members of the steering committee (each of the three members provides feedback on a separate sheet), and an administrative one. ([APPENDIX 6](#)).

The steering commissions are made up of other doctoral supervisors or teachers with experience in the field of BUSINESS INFORMATION SYSTEMS (Prof. Dumitru OPREA, Ph.D., Alexandru ȚUGUI, Ph.D., Mircea GEORGESCU, Ph.D., Prof. Marin FOTACHE, Ph.D., Florin DUMITRIU, Ph.D., Gabriela MEȘNIȚĂ, Ph.D., Doina FOTACHE, Ph.D., Adrian Bogdanel MUNTEANU, Vasile-Daniel PAVALOIA, Ph.D. , Assoc. Prof. Dr. Octavian DOSPINESCU, Assoc. Prof. Dr. Valerica GREAVU SERBAN, Assoc. Prof., Assoc. Prof. Catalin STRIMBEI, Daniela POPESCU, Assoc. .univ.dr. Sabina-Cristiana NECULA), as well as, depending on the specifics of the topics approached, by doctoral supervisors or teachers with relevant experience in CYBERNETICS AND STATISTICS (prof.univ.dr.Carmen PINTILESCU, prof.univ.dr Mircea ASANDULUI), MARKETING (Prof. Adriana ZAIT, Ph.D.), PHYSICAL EDUCATION AND SPORT (Assoc. Prof. Dr. Cătălin STIRBU) as follows:



Ph.D. Student	The components of the guidance commission	The activities of the commission
Anastasei V. Ionuț-Daniel	Prof. Radu Mircea Georgescu, Ph.D. Prof. Doina Fotache, Ph.D. Prof. Elena Carmen Pintilescu, Ph.D. Prof. Alexandru Tugui, Ph.D.	<i>Initial, interim, progress and final reports</i>
Ciobanu C. Constantin-Alexandru	Prof. Gabriela Mesnita, Ph.D. Prof. Florin Dumitriu, Ph.D. Assoc.prof. Valerica Greavu Serban, Ph.D. Lect. Laura-Diana Radu, Ph.D.	<i>Initial, interim, progress and final reports</i>
Cluci D. Marius-Iulian	Prof. Marin Fotache, Ph.D. Prof. Florin Dumitriu, Ph.D. Assoc.prof. Catalin Strimbei, Ph.D. Assoc.prof. Vasile Daniel Pavaloaia, Ph.D.	<i>Initial, interim, progress and final reports</i>
Cojocariu G. Irina-Cristina	Prof. Marin Fotache, Ph.D. Prof. Radu Mircea Georgescu, Ph.D. Prof. Florin Dumitriu, Ph.D. Assoc.prof. Catalin Stirbu, Ph.D.	<i>Initial, interim, progress and final reports</i>
Damian căs. Ghiba V. Alina --Cristina	Prof. Radu Mircea Georgescu, Ph.D. Lect. Laura-Diana Radu, Ph.D. Assoc.prof. Mircea Asandului, Ph.D. Assoc.prof. Daniela Popescul, Ph.D.	<i>Initial, interim, progress and final reports</i>
Levy Guy	Prof. Alexandru Tugui, Ph.D. Prof. Radu Mircea Georgescu, Ph.D. Prof. Adrian Bogdanel Munteanu, Ph.D. Prof. Elena Carmen Pintilescu, Ph.D.	<i>Initial, interim, progress and final reports</i>
Mertoiu S. George-Bogdan	Prof. Gabriela Mesnita, Ph.D. Prof. Dumitru Oprea, Ph.D. Assoc.prof. Daniela Popescul, Ph.D. Assoc.prof. Vasile Daniel Pavaloaia, Ph.D.	<i>Initial, interim, progress and final reports</i>
Romanov V. Nicolai	Prof. Marin Fotache, Ph.D. Prof. Gabriela Mesnita, Ph.D. Assoc.prof. Octavian Dospinescu, Ph.D. Lect. Necula Sabina, Ph.D.	<i>Initial, interim, progress and final reports</i>
Teiu Ș. Codrin - Marius	Prof. Radu Mircea Georgescu, Ph.D. Prof. Adriana Zait, Ph.D. Prof. Elena Carmen Pintilescu, Ph.D. Prof. Marin Fotache, Ph.D.	<i>Initial, interim, progress and final reports</i>

The functionality of the steering commissions can be proved by the fact that some doctoral students who publicly defended their doctoral thesis in the field of BUSINESS INFORMATION SYSTEMS or completed the doctoral training period in the evaluated period published scientific



articles or participated with communications in various scientific events. jointly with one of the members of the steering committee (**section 2.2.3 below**).

Performance indicator B.2.1.5. For a field of doctoral studies, the ratio between the number of doctoral students and the total number of teachers/researchers providing guidance must not exceed 3: 1.

The ratio between the number of doctoral students enrolled, in the academic year 2020-2021, in doctoral studies in the field of BUSINESS INFORMATION SYSTEMS and the total number of teachers who provide their guidance is 9:19, ie much lower than the 3: 1 ceiling provided by ARACIS standards. The calculation starts from taking into account only the 9 doctoral students in the previous table (except for the three in the extension stage: BERECHE V. LUCIAN - DANIEL, TALABĂ V. GEORGE-DANIEL, and ZAMFIR, married MACOVEI V. CRISTINA - ELENA) in the field of BUSINESS INFORMATION SYSTEMS and the 19 members of the steering committees, as follows:

1. prof. Dumitru OPREA, Ph.D.
2. prof. Alexandru ȚUGUI, Ph.D.
3. prof. Mircea GEORGESCU, Ph.D.
4. prof. Marin FOTACHE, Ph.D.
5. prof. Doina FOTACHE, Ph.D.
6. prof. Florin DUMITRIU, Ph.D.
7. prof. Gabriela MEȘNIȚĂ, Ph.D.
8. prof. Adrian Bogdanel MUNTEANU, Ph.D.
9. prof. Vasile-Daniel PAVALOIA, Ph.D.
10. assoc. prof. Octavian DOSPINESCU, Ph.D.
11. assoc. prof. Valerica GREAVU SERBAN, Ph.D.
12. assoc. prof. Catalin STRIMBEI, Ph.D.
13. assoc. prof. Daniela POPESCU, Ph.D.
14. assoc. prof. Laura-Diana RADU, Ph.D., Habil.
15. lect. Sabina-Cristiana NECULA, Ph.D., Habil.
16. prof. Elena Carmen PINTILESCU, Ph.D.
17. prof. Mircea ASANDULUI, Ph.D.
18. prof. Adriana ZAIT, Ph.D.
19. assoc. prof. Catalin STIRBU, Ph.D.



2.2.3. Results of doctoral studies and their evaluation procedures (B.3.)

2.2.3.1. Dissemination results of doctoral students (B.3.1.)

Standard B.3.1. The research is capitalized by doctoral students through presentations at scientific conferences, scientific publications, through technology transfer, patents, products, service orders.

Performance indicator B.3.1.1. For the evaluated field, there is at least one article or other relevant contribution per doctoral student who has obtained the title of doctor in the last 5 years. From this list, the members of the evaluation commission select for analysis, randomly, 5 such relevant articles/contributions per field of doctoral studies. At least 3 of the selected articles have significant original contributions in the field concerned.

The list of selected scientific articles/chapters/volume articles of the conferences for doctoral students who have obtained the scientific title of doctor in BUSINESS INFORMATION SYSTEMS in the last five years is as follows:

1. Minastireanu, A., Mesnita, G., Light GBM Machine Learning Algorithm to Online Click Fraud Detection, Journal of Information Assurance & Cyber security, Vol. 2019 (2019), Article ID 263928, aprilie 2019, 2019, <https://ibimapublishing.com/articles/JIACS/2019/263928/>, DOI: 10.5171/2019.263928
2. Minastireanu, A., Mesnita, G., An Analysis of the Most Used Machine Learning Algorithms for Online Fraud Detection, , Revista Informatica economica, Vol. 23 No. 1/2019,, 2019, <http://revistaie.ase.ro/content/89/01%20-%20minastireanu,%20mesnita.pdf>;
3. Bogoslov Ioana Andreea, Georgescu Radu Mircea, Shifting the Traditional Paradigm in Education – From Looking Digital to Being Digital, Journal of Public Administration, Finance and Law, 2017, <https://www.ceeol.com/search/article-detail?id=743877>, 2285 – 3499
4. Bogoslov Ioana Andreea, Future Research Directions on Web-Based Educational Systems, Innovative Business Development—A Global Perspective, 2018, https://link.springer.com/chapter/10.1007/978-3-030-01878-8_2, DOI: https://doi.org/10.1007/978-3-030-01878-8_2
5. Bogoslov Ioana Andreea, Georgescu Radu Mircea, IMPORTANCE AND OPPORTUNITIES OF SENTIMENT ANALYSIS IN DEVELOPING E-LEARNING SYSTEMS THROUGH SOCIAL MEDIA, DIEM: Dubrovnik International Economic Meeting, Vol. 4, Nr. 1, 2019, https://hrcak.srce.hr/index.php?show=clanak&id_clanak_jezik=332632
http://www.diem-dubrovnik.com/diem/files/2019/Abstracts_DIEM_2019.pdf#page=139



6. Bogoslov Ioana Andreea, Georgescu Radu Mircea, STUDYING THE LEARNING PARTICULARITIES OF NEW STUDENTS GENERATIONS-GUIDANCE FOR DEVELOPING FUTURE E-LEARNING SYSTEMS FOR HIGHER EDUCATION, *Educația Plus*, Vol. 24, Nr. XXIV, 2019, <https://www.uav.ro/jour/index.php/jpe/issue/view/82>,
7. Lungu Anca Elena, Bogoslov Ioana Andreea, LITERATURE OVERVIEW ON ENTREPRENEURSHIP AND INNOVATION, *Revista Economică*, Volumul 71, Nr. 5, 2019, <http://economice.ulbsibiu.ro/revista.economica/archive/71504lungu&bogoslov.pdf>,
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Performance indicator * B.3.1.2. The ratio between the number of presentations of doctoral students who completed their doctoral studies in the evaluated period (last five years), including posters, exhibitions, made at prestigious international events (held in the country or abroad) and the number of doctoral students who have completed their doctoral studies in the evaluated period (last five years) is at least 1.

Among the main scientific events attended by doctoral students enrolled at the Doctoral School of Economics and Business Administration in the field of BUSINESS INFORMATION SYSTEMS and who have completed their doctoral studies in the last five years are:

- i. Minastireanu, A., Mesnita, G., Machine Learning algorithms for fraud detection in Internet Banking, Proceedings of the IE 2018 International Conference; 2018, ,
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- iii. Minastireanu, A., Mesnita, G., Methods of handling unbalanced datasets in credit card fraud detection, Proceedings of SMART 2019 Conference, BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 2019,
 - iv. Minastireanu, A., Mesnita, G., ANALYSIS OF RISK VARIABLES IN ONLINE BANKING , Proceedings of EUROFIRE Conference, 2019, 2019, http://eufire.uaic.ro/wp-content/uploads/2019/08/EUFIRE_Conference_Proceeding2019.pdf,
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 - x. Popa Strainu Roxana, Georgescu Mircea, CREATIVE M-LEARNING APPS AVAILABLE ON MOBILE MARKETS, Conference: 11th International Scientific Conference on eLearning and Software for Education (eLSE) Location: Bucharest, ROMANIA Date: APR 23-24, 2015 RETHINKING EDUCATION BY LEVERAGING THE ELEARNING PILLAR OF THE DIGITAL AGENDA FOR EUROPE!, VOL. I Book Series: eLearning and Software for Education, 2015, , 10.12753/2066-026X-15-014
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2.2.3.2. External scientific references (B.3.2.)

Standard B.3.2. The doctoral school appeals to a significant number of external scientific references in the commissions for public defense of doctoral theses.

Indicator * B.3.2.1. The number of doctoral theses assigned to a specific referent from a higher education institution, other than the evaluated IOSUD, must not exceed two (2) for theses coordinated by the same doctoral supervisor, in a year.

During 2016-2021, within the Doctoral School of Economics and Business Administration, 6 Ph.D. students enrolled in the field of BUSINESS INFORMATION SYSTEMS have completed and publicly defended their doctoral thesis. For each of the doctoral supervisors assigned to this field, the number of doctoral theses allocated to a certain scientific referent from a higher education institution, other than the "Alexandru Ioan Cuza" University of Iași, was a maximum of two for theses coordinated by the same Ph.D. supervisor.



Ph.D. students coordinated by prof. Univ. dr. Mircea GEORGESCU who publicly defended the thesis in the period 2016-2021 (3 doctoral theses: tinyurl.com/4558t9n3 , tinyurl.com/34fsy5vt , tinyurl.com/bdys98u8)

No.	Scientific referent	Institution of origin	2016	2017	2018	2019	2020	2021
1.	prof. Cătălin-Emilian BOJA, Ph.D.	ASE Bucharest					1	
2.	prof. Paul POCATILU, Ph.D.	ASE Bucharest				1	1	
3.	prof. Mihai Laurențiu DOINEA, Ph.D.	ASE Bucharest				1		
4.	prof. Ion SMEUREANU, Ph.D.	ASE Bucharest						1
5.	prof. Marian DÂRDALĂ, Ph.D.	ASE Bucharest						1

Ph.D. students coordinated by prof. Univ. dr. Alexandru ȚUGUI who publicly defended the thesis in the period 2016-2021 (a doctoral thesis: tinyurl.com/22cypyj6)

No.	Scientific referent	Institution of origin	2016	2017	2018	2019	2020	2021
1.	prof. Ion LUNGU, Ph.D.	ASE Bucharest		1				
2.	prof. Marian DÂRDALĂ, Ph.D.	ASE Bucharest		1				

Ph.D. students coordinated by prof. Univ. dr. Marin FOTACHE who publicly defended the thesis in the period 2016-2021 (a doctoral thesis: tinyurl.com/22cypyj6)

No.	Scientific referent	Institution of origin	2016	2017	2018	2019	2020	2021
1.	prof. Gheorghe Cosmin SILAGHI, Ph.D.	Babeș Bolyai University of Cluj-Napoca	1					



2.	prof. Marian DÂRDALĂ, Ph.D.	ASE Bucharest	1						
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Ph.D. students coordinated by prof. Univ. dr. Gabriela MEȘNIȚĂ who publicly defended the thesis in the period 2016-2021 (a doctoral thesis: tinyurl.com/kc5kjh9t)

No.	Scientific referent	Institution of origin	2016	2017	2018	2019	2020	2021
1.	assoc.prof. dr.Luminița HURBEAN, Ph.D.	West University of Timișoara					1	
2.	assoc.prof. Ramona LACUREZEANU, Ph.D.	Babeș Bolyai University of Cluj-Napoca					1	

Performance indicator * B.3.2.2. The ratio between the number of doctoral theses assigned to a certain scientific referent from a higher education institution than the one in which the doctoral thesis is organized and the number of doctoral theses defended in the same field of doctoral studies within the doctoral school must not be greater than 0.3, concerning the situation recorded in the last five years. It is analyzed only if in the evaluated doctoral field at least ten doctoral theses have been defended in the last five years.

For the Ph.D. field in BUSINESS INFORMATION SYSTEMS, only six Ph.D. 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 references from other higher education institutions in the commissions for public support of doctoral theses prepared by doctoral students of the Doctoral School of Economics and Business Administration enrolled in BUSINESS INFORMATION SYSTEMS is presented in the following table (based on information from the six short URLs mentioned above):

No.	Scientific referent	Institution of origin	Number of commissions
1.	prof. Ion SMEUREANU, Ph.D.	ASE Bucharest	1



2.	prof. Cătălin-Emilian BOJA, Ph.D.	ASE Bucharest	1
3.	prof. Marian DÂRDALĂ, Ph.D.	ASE Bucharest	3
4.	prof. Mihai Laurențiu DOINEA, Ph.D.	ASE Bucharest	1
5.	assoc.prof. Luminița HURBEAN, Ph.D.	West University of Timișoara	1
6.	assoc.prof. Ramona LACUREZEANU, Ph.D.	Babeș Bolyai University of Cluj-Napoca	1
7.	prof. Ion LUNGU, Ph.D.	ASE Bucharest	1
8.	prof. Paul POCATILU, Ph.D.	ASE Bucharest	1
9.	prof. Gheorghe Cosmin SILAGHI, Ph.D.	Babeș Bolyai University of Cluj-Napoca	1

2.3. QUALITY MANAGEMENT (C)

2.3.1. Internal quality assurance system (C.1.)

Standard C.1.1. The institutional framework exists and policies apply procedures for relevant internal quality assurance.

Performance indicator C.1.1.1. The doctoral school in which the field of doctoral studies falls is proof of the constant development of the process of evaluation and internal quality assurance under a procedure developed and applied at the IOSUD level, among the evaluated criteria being mandatory:

a) the scientific activity of doctoral supervisors;



- b) the infrastructure and logistics necessary for carrying out the research activity;***
- c) the regulations and procedures based on which the doctoral studies are organized;***
- d) the scientific activity of doctoral students;***
- e) the training program based on advanced university studies of doctoral students;***
- f) social and academic support services (including participation in various events, publication of articles, etc.) and counseling provided 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 way of internal evaluation of doctoral schools and fields of doctoral studies to accredit and periodically evaluate them according to the Methodology for the evaluation of doctoral studies developed under 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 in UAIC.

At the level of the Doctoral School of Economics and Business Administration, the permanent evaluation of the activity is regulated by the Regulation of operation of the doctoral school and represents one of the objectives provided in the Strategic Plan of the Faculty of Economics and Business Administration.

Performance indicator * C.1.1.2. During the doctoral training course, evaluation mechanisms are implemented aimed at identifying the needs, as well as the general level of satisfaction with the doctoral studies program of doctoral students, to continuously improve the academic and administrative processes. Following the analysis of the obtained results, it is proved the elaboration and implementation of a plan of measures.

At the level of the Doctoral School of Economics and Business Administration, annually, the *Questionnaire for assessing the quality of doctoral studies* is applied. The conclusions drawn from the development of this mechanism for collecting feedback from doctoral students are mentioned in the report prepared by the internal commission for evaluating the activity of the doctoral school:

- - The doctoral students from the Doctoral School of Economics and Business Administration appreciate as very good the activity of the doctoral school, being satisfied with the collaboration both with the doctoral supervisors and with the members of the guidance commission, as well as with the administrative staff.
- - The frequency of meetings with the doctoral supervisor is about 2 meetings a week and whenever necessary.



- The doctoral students 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 not only, 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 study program. doctoral degree BUSINESS INFORMATION SYSTEMS.

Specifically, the SDEAA Report for the period 2012-2017 ([APPENDIX 5](#)) includes the results of an analysis conducted during March-April 2017 on 31 graduates (31 valid answers out of the 33 received), conducted by applying a questionnaire to obtain feedback from doctoral students on the quality of the doctoral process and the quality of supervision, as follows:

- the doctoral student's decision to follow SDEAA - alternative to the plan "0";
- quality of the course - according to expectations with too much emphasis on other activities;
- research environment - more competitive than collaborative;
- pressure to work – stress, and loneliness;
- final customer satisfaction - grade 4/5;
- quality of supervision - normal with emphasis on autonomy and independence of the doctoral student.

2.3.2. Transparency of information and accessibility to learning resources (C.2.)

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

Standard C.2.1. The information of interest for doctoral students, future candidates, respectively the information of public interest is available for consultation in electronic format.

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

- a) the regulations of the doctoral school;*
- b) the admission regulation;*
- c) the doctoral studies contract;*



- d) the regulation for completing the studies, including the procedure for public defense of the thesis;***
- e) the content of training programs based on advanced university studies;***
- f) the academic and scientific profile, the thematic areas/research topics of the doctoral supervisors in the field, as well as their institutional contact data;***
- g) the list of doctoral students in the field with the basic information (year of registration; leader);***
- h) information about the standards for the elaboration of the doctoral thesis;***
- i) links to the abstracts of the doctoral theses to be defended publicly, as well as the date, time, place where they will be defended, at least 20 days before the defense.***

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

The website of the *Doctoral School of Economics and Business Administration* is <https://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 field of research of interest;
- the minimum standards for obtaining the authorization 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 entrance exam;
- information on the competition schedule, fees, number of places, and the content of the file.

The Doctoral School's website also includes sections for announcements regarding the support of research reports, which are public according to the school's regulations, and 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, MathSciNet, SciFinder, ScienceDirect National Archives, ScienceDirect. Free access is allowed as a result of UAIC's participation as a contributing member in the project "National electronic 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 resources, financial and scientific expertise, the publication of 56 scientific journals, most of them with annual publications (<http://www.uaic.ro/cercetare/publicatii-stiintifice/>).

Starting with 2006, within IOSUD-UAIC, the special module was 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 e-learning platform Blackboard - SafeAssign, the "Alexandru Ioan Cuza" University of Iași being among the first higher education institutions in Romania that have invested in this direction and the only public university that has acquired this e-learning platform ([APPENDIX 20](#)).

Licenses to use this application have been extended each year through successive purchase agreements ([APPENDIX 21](#)). In 2018, with the decision to adopt another technical solution based on Moodle to provide the e-learning platform for distance and part-time learning, the Turnitin application will be purchased. ([APPENDIX 22](#)). Thus, the access of all the teachers from the "Alexandru Ioan Cuza" University of Iași, therefore also of the doctoral supervisors, as well as the possibility of doctoral students to use, with the consent of the doctoral supervisor, an electronic system 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. IOSUD / Doctoral School provides doctoral students with access to the resources needed to conduct doctoral studies.

Performance indicator C.2.2.1. All Ph.D. students have free access to a platform with academic databases relevant to the field of doctoral studies analyzed.



"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.

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

IOSUD - „Alexandru Ioan Cuza” University of Iași has shown a continuous concern for ensuring the resources necessary to verify the percentage of similarity for the works developed by students from all three cycles of university studies, so also in terms of doctoral theses ([APPENDIX 20](#)). Thus, starting with 2006, within IOSUD-UAIC, the special module for this functionality was used within the e-learning platform Blackboard - SafeAssign, the “Alexandru Ioan Cuza” University of Iași being among the first higher education institutions in Romania that the only public university that purchased this e-learning platform also invested in this direction.

Licenses to use this application have been extended each year through successive purchase agreements ([APPENDIX 21](#)), so that, in 2018, with the decision to adopt another technical solution based on Moodle to provide the e-learning platform for distance and part-time learning, the Turnitin application will be purchased ([APPENDIX 22](#)). Thus, the access of all the teachers from the “Alexandru Ioan Cuza” University of Iași, therefore also of the doctoral supervisors, as well as the possibility of doctoral students to use, with the consent of the doctoral supervisor, an electronic system 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 specifics of the field/fields within the doctoral school, according to internal regulations.

All doctoral students enrolled in the field of ECONOMIC INFORMATICS have access to the research infrastructure available within IOSUD – the Alexandru Ioan Cuza University of Iasi, this being one of the rights of the doctoral student, as they are formulated in art. 16 of *the Institutional Regulation for the organization and functioning of doctoral studies, stipulating 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, in general, the research infrastructure



available to its doctoral students, 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 and it is applied to increase the degree of internationalization of doctoral studies.

*Performance indicator * C.3.1.1. IOSUD, for the evaluated field of study, has concluded mobility agreements with foreign universities, with research institutes, with companies that carry out activities in the studied field, aiming at the mobility of doctoral students and teachers (for example, ERASMUS agreements for the cycle of Doctoral studies). At least 35% of Ph.D. students have completed a training course abroad or another form of mobility, such as participating in international scientific conferences. IOSUD develops and implements policies and action plans aimed at increasing the number of doctoral students participating in training courses 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 established 845 agreements ([845 de acorduri](#)) with 386 universities in 31 European countries. Since 2015 and until now, 68 inter-institutional collaboration agreements ([68 de acorduri de colaborare inter-instituțională](#)) 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 mobility.

The Doctoral School of Economics and Business Administration has concluded mobility agreements with 16 universities abroad ([APPENDIX 28](#)), which offers Ph.D. students the opportunity to develop their professional and scientific research skills, as well as the international dimension of doctoral studies.

During the reporting period (2016-2020), the following Ph.D. students of the Doctoral School of Economics and Business Administration carried out study mobility within the Erasmus Program:

No.	Doctoral Student	University	Country
1.	CRIVOI C. LUCIAN	Albert-Ludwigs-Universitat Freiburg	Germany
2.	ȚĂRAN L. ALINA	Izmir University of Economics	Turkey
3.	MUNTEAN married. JEMNA T. LIGIA	Universita degli Studi di Perugia	Italy



4.	PANAITE V. NICOLETA	Université d'Orleans	France
5.	PINTILIE NICOLETA-LIVIA	Universite d'Orleans	France
6.	SPRINCEAN NICU	University of Konstanz	Germany
7.	ANDRONICIUC ANDRA-IOANA	Universidad de Alicante	Spain
8.	IONASCU ELENA	Universidad de Alicante	Spain
9.	VELICU A. VALERII	Université d'Auvergne Clermont 1	France
10.	BALUTEL V. DANIELA	Universite d'Orleans	France
11.	ILIES AURELIA	Universite d'Orleans	France

During the reporting period (2016-2020), the following Ph.D. students of the Doctoral School of Economics and Business Administration carried out internship mobilities within the Erasmus Program:

No.	Doctoral Student	University	Country
1.	Țăran Alina	Izmir University of Economics	Turkey
2.	Androniciuc Andra	Universidade Nova de Lisboa	Portugal
3.	Țăran Alina	Metanil Metal Isitma, Istanbul	Turkey
4.	Cărbune A. Anatolie	European Association of Development Agencies, Brussels	Belgium

To these Erasmus mobility internships for study, is added the participation of Ph.D. students in the field of BUSINESS INFORMATION SYSTEMS in conferences and other international scientific events held abroad, such as IBIMA (at least 5 such events have already been listed in **section B.3.1 - indicator B. 3.1.2**).

Performance indicator C.3.1.2. Within the evaluated field of studies, it is supported, including financially, the organization of doctorates in international co-supervision, respectively the invitation of first-rate experts to give courses/lectures for doctoral students.

Within the Doctoral School of Economics and Business Administration, in general, and in the field of doctoral studies of BUSINESS INFORMATION SYSTEMS, in particular, there is a constant concern about inviting leading international experts to give courses/lectures for doctoral



students. We can mention here the example of Professor **Jean-Pierre Kuilboer**, Ph.D., **University of Massachusetts Boston**, who gave a series of presentations in October 2016. (tinyurl.com/h665p55w) for master's and doctoral students in the field of BUSINESS INFORMATION SYSTEMS (FEAA, UAIC, Iasi), respectively for their colleagues from the Faculty of Computer Science (UAIC, Iasi). You can add here the collaborations and approaches initiated by teachers from the BUSINESS INFORMATION SYSTEMS team (FEAA, UAIC - Mr. Octavian Dospinescu, 2019-2021) and Ph.D. supervisors in BUSINESS INFORMATION SYSTEMS (Mr. Daniel Homocianu, 2019-2021) on the line scientific collaboration (including exchanges of experience, collaborations in writing articles, presentations and dissemination of scientific results) with personalities from the **University of Economics in Krakow, Department of Computer Systems**, by the kindness and openness of **Mr. Pawel Lula**, a renowned professor with concerns in data analysis, decision support systems and research, vice-rector, seen again at the AMEC 2020 international conference (tinyurl.com/2tw4cb22).

The collaboration initiated by Professor Alexandru ȚUGUI in 2019 with the University of Derby can also be added here. This led to the development within the SDEAA and the GEBA Conference 2019 of the event of October 18, 2019, room 407, building R, academic workshop: Big Data: examples, mathematical background, and impact in the business world - professor Ovidiu Bagdasar. <http://www.fea.uaic.ro/geba/2019/Programme.html> or tinyurl.com/657hybhy.

Performance indicator C.3.1.3. The internationalization of doctoral studies activities is also supported by other concrete measures (for example, participation in educational fairs to attract international doctoral students; inclusion of international experts in commissions for guidance or defense of doctoral theses, 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, Ph.D., from Bocconi University, Italy, was co-opted in the Doctoral School Council, while, during the evaluated period, numerous conferences and scientific events were organized with a very important international presence.

At the same time, we can mention two examples of foreign doctoral students enrolled in the admission competition and enrolled in doctoral studies in the field of BUSINESS INFORMATION SYSTEMS during the reporting period, as follows:

- ROMANOV NICOLAI, Ph.D. Student – Republic of Moldova;
- LEVI M. GUY, Ph.D. Student – Israel;

Also, at the level of the Doctoral School of Economics and Business Administration and the Faculty of Economics and Business Administration, as well as of the Economic Informatics team from the Department of Accounting, Business Information Systems, and Statistics, coordinated by prof. Univ. Dr. Florin Dumitriu, are organized, regularly, conferences and other



scientific events that support the internationalization of doctoral studies in the field of BUSINESS INFORMATION SYSTEMS (for example, the series of international conferences Globalization and Higher Education in Economics and Business Administration - <http://www.feaa.uaic.ro/geba/2019/Programme.html> or tinyurl.com/657hybhy, and also *Informatics in Economy* – the example of the edition from 2018, organized at FEAA, UAIC, Iasi: <https://www.conferenceie.ase.ro/index.php/previous-conferences/ie-2018-the-17th-international-conference-on-informatics-in-economy/> or tinyurl.com/3z8kz7hc).



3. STRATEGIES AND PROCEDURES IMPLEMENTED AT THE LEVEL OF THE UNIVERSITY DOCTORAL STUDIES, AS MEASURES FOR CONTINUOUS IMPROVEMENT OF THE QUALITY OF DOCTORAL PROGRAMS

SDEAA and the doctoral field of BUSINESS INFORMATION SYSTEMS pursue positive and balanced long-term development, the increase of the interest towards the quality doctoral research, both from the candidates for habilitation and doctoral students and from the coordinators and representatives of the economic-social environment.

Already done:

- For better preparation of doctoral students, the curriculum was adjusted, significantly increasing the share of optional subjects in all areas of specialization of SDEAA. Although there are difficulties in managing such multiple routes, the gains from interdisciplinary training are higher in the long run and are worth the effort.
- Scientific seminars and SDEAA workshops were introduced, introduced since 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, the Ph.D. students participated online in a whole series of webinars, organized by universities in the country and abroad, by E-nformation, WOS-Clarivate, EUA, Coimbra Group.
- SDEAA has been using it since 2010 and continues to use 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 Ph.D. supervisors and members of steering committees. The FEAA covers training or participation in specialized conferences worth 500 euros for each teacher, in an academic year.

**Short- and medium-term goals** include:

- Encouraging doctoral students to continue publishing in indexed journals coordinated by SDEAA (REBS indexed BDI) or FEAA (SAEB - indexed ESCI), but also to turn to other high-level indexed journals from outside, for a more significant increase in research visibility Ph.D.;
- Attracting master students in doctoral research teams, to increase the interest in doctoral studies, on the one hand, respectively to ensure an earlier start of research (during master's studies), which would allow a better and faster evolution of research during the doctoral program;
- Encouraging coordinators to publish more in Western indexed journals, in the same idea of increasing visibility, respectively to provide viable models for Ph.D. students (without neglecting the development of Romanian or Eastern European indexed publications – a collaboration with and integration in the scientific landscape specific to the Eastern cultural area - European are important for polishing the identity of Romanian doctoral programs.);
- Development and provision of 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 disciplines, including 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. - 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:

- Inclusion of additional modules for the development of transversal skills and “soft” competencies in the SDEAA curricula, to better prepare doctoral students for multiple careers, inside and especially outside the academic environment, after the Ph.D. stage and post-doc one, starting from the conclusions of the latest studies in the field of reducing the precariousness of researchers' careers (see [OECD Report - Reducing the precariousness of academic research careers](#), May 2021);
- Rethinking programs and implicitly doctoral research careers in economics and business administration from the emphasis on rankings, competition, and strictly quantitative metrics



to collaboration for transdisciplinary research projects (combining basic and applied research and the participation of broader interest groups - environment business, community, and civic organizations, decision-makers at the administrative and political level, etc.), consideration of qualitative aspects and societal impact in evaluations at the academic level (an example is the OUTDOC project in which doctoral and postdoctoral researchers of SDEAA were involved; however, we want an increase in such initiatives);

- Consultation with MEN, UEFISCDI, CNATDCU for a rethinking of the evaluation criteria and the way of conducting doctoral reports and theses in the idea of real encouragement of interdisciplinary collaborations, respectively of inclusion and diversity strategies (pandemic lessons showed that they can be ensured in the same time quality and flexibility objectives in assessing the evolution and evaluations of doctoral progress, allowing better participation of foreign doctoral students, representatives of minorities or female doctoral researchers, more strongly affected in times of crisis);
- Initiating debates and consultations (between universities, ministries, other specialized institutions) for recognition of previous professional experiences and research skills acquired in practice in the process of recruiting doctoral students; In the same vein we would like an application of the principles of flexible trajectories and micro-credentials for 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 efforts to internationalize doctoral education, 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 doctoral research programs (see discussions at DSWG - Coimbra Doctoral Working Group, YEBO! projects and the SASUF conference organized within the Yebo! project, with the debates “Ethics of Research in the Digital Age” and Supervision of Ph.D. Studies in the Digital Age and Covid-19 Era ”; joint meeting of DSWG and Research Support Officer Group, in association with NUI Galway, addressed topics related to recent developments in the European Research Area, including Research & Innovation Days, HR issues Excellence in Research Award (UAIC has this recognition - 56% of universities that have laughter surveyed have this accreditation, 9% are under analysis and 35% do not have it) and debates have been organized on the personal development of researchers and the research profession. We want better exploitation of the potential of universities within the ERA, the proposals aiming at modernization of universities in



education (collaboration European Education Area EEA-European Research Area ERA), research and development and missions to serve the interests of society, adoption of a kit tools to facilitate cross-border collaborations, an appropriate investment strategy and the protection of academic freedom. For researchers, the aim is 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 research profession;

- Harmonization, as far as possible, of doctoral education in economics and business administration with the principles of AACSB (institution of evaluation and accreditation at international level for business schools in general, including for doctoral education); The analyzes show that the field of doctoral education remains, all over the world, still rigid, with barriers to innovation coming mainly from the inherent traditions of the field, with dominant models maintained by rigid reward structures and rigid accreditation and ranking standards. We would like the flexibility of the standards in the idea of developing professional doctoral programs in business, with clear principles of recognized applied research quality, for an increase in the number of Ph.D. 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 doctorate, for example), the acceptance of different thesis formats (monograph type, as at present, or type "three papers" - relevant articles published in indexed journals), adaptation of doctoral programs to new generations of students, including the "mature", "consortium" courses, with a higher degree of interdisciplinarity and flexibility, increasing digitalization and online offer, possible in the field of economics;

- Initiation of procedures for the recognition of doctoral courses in a modular regime, with distinct recognition (without the obligation to complete the entire doctoral program, on the model of certified or micro-credential courses);

- Continue efforts to apply the Salzburg principles in reality (excellence in research, 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 various other non-academic sectors, building international networks, providing more educational opportunities in the field of transferable skills, more complex quality assessment).



4. ADDITIONAL INFORMATION



5. APPENDIX

[APPENDIX 1: A1-UAIC founding act](#)

[APPENDIX 2: A2-IOSUD 2006 regulations](#)

[APPENDIX 3: A3-SDEAA founding act](#)

[APPENDIX 4: A4-UAIC senate decision to validate the directors and councils of the doctoral school](#)

[APPENDIX 5: A5-SDEAA evaluation reports](#)

[APPENDIX 6: A6-SDEAA regulations](#)

[APPENDIX 7: A7-disciplines](#)

[APPENDIX 8: A8-Scanned Orders of the Minister of Education](#)

[APPENDIX 9: A9-standard fulfillment sheets](#)

[APPENDIX 10: A10-IOSUD regulations](#)

[APPENDIX 11: A11-CSUD proposals of directors of the UAIC doctoral school](#)

[APPENDIX 12: A12-doctoral admission methodology](#)

[APPENDIX 13: A13-the online defense procedure of the doctoral thesis](#)

[APPENDIX 14: A14-the procedure for recognizing the doctoral supervisor quality obtained abroad](#)

[APPENDIX 15: A15-the procedure for recognizing the doctorate obtained abroad](#)

[APPENDIX 16: A16-doctoral studies contracts](#)

[APPENDIX 17: A17-additional act for the doctoral studies contract in 2018](#)

[APPENDIX 18: A18-eSims project financing contract](#)

[APPENDIX 19: A19-eSims project completion protocol](#)

[APPENDIX 20: A20-application for use of the SafeAssign 2006 software](#)



[APPENDIX 21: A21-Blackboard contracts](#)

[APPENDIX 22: A22-Turnitin contracts](#)

[APPENDIX 23: A23-other doctoral student funding sources](#)

[APPENDIX 24: A24-CVs of doctoral supervisors](#)

[APPENDIX 25: A25-Ph.D. diplomas 2016-2021](#)

[APPENDIX 26: A26-UAIC Senate decision about doctoral students being board members](#)

[APPENDIX 27: A27-minutes of the doctoral school council](#)

[APPENDIX 28: A28-ERASMUS agreements of the doctoral school](#)

[APPENDIX 29: A29-certificates of doctoral supervisors in Business Information Systems](#)

[APPENDIX 30: A30-self-assessment sheets of doctoral supervisors taught annually from 2015-2016](#)



*Doctoral School of Economics and Business
Administration*

Business Information Systems

This file contains 115 (one hundred and fifteen) pages.

Date:

Doctoral School Director,
prof. Adriana ZAIT, Ph.D.