

Babeş-Bolyai University

**Labor market insertion of BBU
graduates**

year of 2021

-summary report -

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**Centrul
Qualitas**

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The analysis of the insertion of graduates of the Babeş-Bolyai University (UBB) has been carried out annually since 1998, initially targeting only bachelor graduates. Since 2013, the study has been extended to master’s and doctoral school’s graduates, specific questionnaires have been developed for each level of studies.

Starting 2019, the questionnaires are filled in online, the process being carried out according to the dedicated procedure, adopted by Administration Council Decision 5881 / 08.04.2019.

The population targeted by this study consists of the 11,476 UBB graduates in the year of 2021 (Table 1): bachelor level graduates who passed the bachelor's exam, master level graduates who passed the dissertation exam and doctoral school graduates who publicly defended their PhD thesis during 2021.

Table 1. Distribution of the total population and of the respondents, by level of study

Level of study	BBU graduates, year of 2021	Share in the total number of graduates, year of 2021	Graduates who filled in the questionnaire		
			Number	Share in sample	Share in the total number of graduates, year of 2021
Bachelor	7.808	68,0%	5.355	73,8%	68,6%
Master	3.438	30,0%	1.717	23,7%	49,9%
Doctoral	230	2,0%	184	2,5%	80%
Total	11.476	100%	7256	100,0%	-

Data on the status of graduates of the year of 2021 on the labor market 12 months after graduation show that at the time of completing the questionnaire, the employment rate was 84.6% at bachelor level, 92.5% at master level and 89.9% at doctoral level (Table 2).

Table 2. The status of graduates on the labor market 12 months after graduation

Level of study	Employed (%)	Unemployed (%)	Nonresponse (%)
Bachelor	84,6	15,4	0,0
Master	92,5	7,5	0,0
Doctoral	89,9	2,7	2,2

Note. The "employed" category includes graduates who are continuing their studies, who have taken a job, who have continued the job they already had, graduates who have started their own business or have worked independently. The "unemployed" category includes graduates who searched for a job but did not secure it, and graduates who were unemployed in the first 12 months after graduating from bachelor studies.

The share of employed graduates increases with the level of studies graduated and the share of those continuing their studies is the highest among the bachelor graduates (51%) (Figure 1).

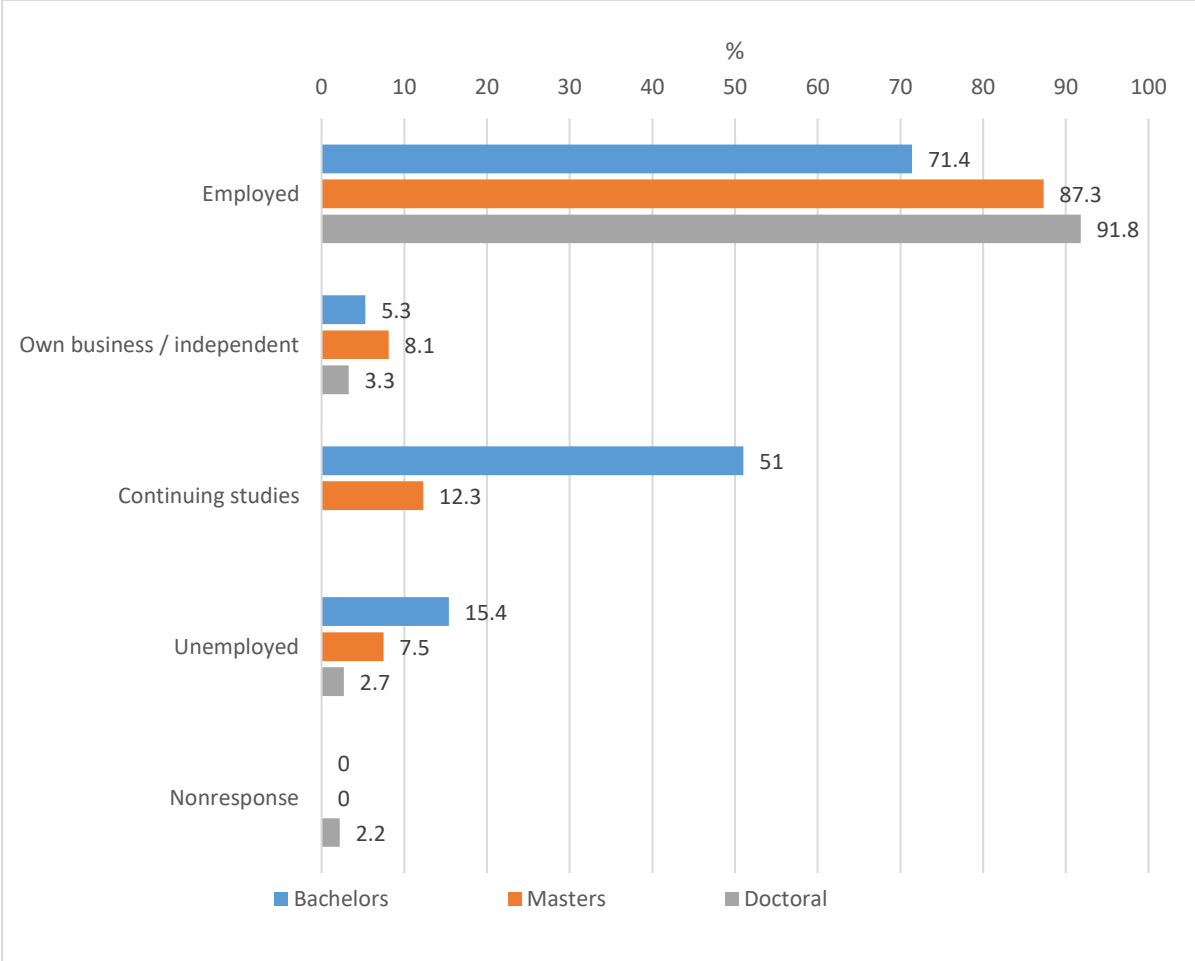


Figure 1. The status of graduates on the labor market 12 months after graduation

Graduates of the Year of 2021 – bachelor’s level

Out of a total of 7.808 bachelor graduates, 5.355 (68,6%) filled in the questionnaire (Table 3).

Table 3. Distribution of graduates of the Year 2021 by Faculties, bachelor level

No.	Faculty of ...	Number of bachelor graduates	% from total population	Graduates who filled in the questionnaire		
				Number	% in total graduates by Faculty	% in sample
1.	Mathematics and Computer Science	544	7,0	523	96,1	9,8
2.	Physics	47	0,6	31	66,0	0,6
3.	Chemistry and Chemical Engineering	142	1,8	110	77,5	2,1
4.	Biology and Geology	178	2,3	146	82,0	2,7
5.	Geography	355	4,5	238	67,0	4,5
6.	Environmental Science	50	0,6	36	72,0	0,7
7.	History and Philosophy	353	4,5	265	75,1	5,0
8.	Psychology and Educational Sciences	646	8,3	368	57,0	6,9
9.	Political, Administrative and Communication Sciences	353	4,5	213	60,3	4,0
10.	Letters	284	3,6	195	68,7	3,7
11.	Law	1218	15,6	866	71,1	16,2
12.	Economics and Business Administration	1718	22,0	1163	67,7	21,8
13.	Physical Education and Sport	222	2,8	146	65,8	2,7
14.	European Studies	264	3,4	159	60,2	3,0
15.	Sociology and Social Work	794	10,2	474	59,7	8,9
16.	Business	326	4,2	240	73,6	4,5
17.	Orthodox Theology	91	1,2	47	51,6	0,9
18.	Greek Catholic Theology	35	0,4	7	20,0	0,1
19.	Roman Catholic Theology	41	0,5	27	65,9	0,5
20.	Reformed Theology and Music	41	0,5	25	61,0	0,5
21.	Theatre and Film	87	1,1	62	71,3	1,2
22.	Engineering	19	0,2	14	73,7	0,3
	Total	7.808	100	5.355	68,5	100

The overall employment rate of the graduates at BBU level is 71,4%, half of the graduates continue their studies, 5,3% have their own business and 15,4% are unemployed (Table 4).

Table 4. Distribution of graduates of the Year 2021 in the first 12 months after graduation of the bachelor studies, by graduated faculty

No.	Faculty of ...	Employed		Continuing studies		Have their own business / work independently		Unemployed	
		No	%	No	%	No	%	No	%
1.	Mathematics and Computer Science	446	85,3	235	44,9	31	5,9	36	6,9
2.	Physics	23	74,2	22	71,0	-	-	6	19,4
3.	Chemistry and Chemical Engineering	82	74,5	70	63,6	1	0,9	18	16,4
4.	Biology and Geology	80	54,8	116	79,5	3	2,1	41	28,1
5.	Geography	172	72,3	113	47,5	8	3,4	30	12,6
6.	Environmental Science	20	55,6	19	52,8	1	2,8	15	41,7
7.	History and Philosophy	145	54,7	100	37,7	8	3,0	64	24,2
8.	Psychology and Educational Sciences	243	66,0	223	60,6	12	3,3	66	17,9
9.	Political, Administrative and Communication Sciences	119	55,9	123	57,7	9	4,2	60	28,2
10.	Letters	153	78,5	86	44,1	8	4,1	33	16,9
11.	Law	617	71,2	399	46,1	41	4,7	128	14,8
12.	Economics and Business Administration	917	78,8	626	53,8	65	5,6	155	13,3
13.	Physical Education and Sport	94	64,4	95	65,1	6	4,1	19	13,0
14.	European Studies	111	69,8	62	39,0	16	10,1	23	14,5
15.	Sociology and Social Work	339	71,5	245	51,7	32	6,8	84	17,7
16.	Business	155	64,6	109	45,4	21	8,8	25	10,4
17.	Orthodox Theology	34	72,3	26	55,3	2	4,3	5	10,6
18.	Greek Catholic Theology	5	71,4	3	42,9	1	14,3	-	-
19.	Roman Catholic Theology	18	66,7	15	55,6	-	-	3	11,1
20.	Reformed Theology and Music	10	40,0	13	52,0	1	4,0	4	16,0
21.	Theatre and Film	33	53,2	26	41,9	20	32,3	9	14,5
22.	Engineering	10	71,4	6	42,9	-	-	2	14,3
	TOTAL	3826	71,4	2732	51,0	286	5,3	826	15,4

Notes. The totals of percentages per faculty amount to more than 100% because some graduates work while still studying. The same observation is valid for the totals of numbers.

The employed category includes graduates continuing their studies, who took a job, or who continued their existing jobs, as well as graduates who set up their own business and former graduates working independently.

Graduates of the Year of 2021 – master’s level

Out of a total of 3.438, graduates of the Year of 2021 who defended their dissertation, 1.717 (49,9%) filled in the questionnaire (Table 5).

Table 5. Distribution of graduates of the Year 2021 by faculties, master level

No.	Faculty of ...	Number of master graduates	% from total population	Graduates who filled in the questionnaire		
				Number	% in total graduates by Faculty	% in sample
1.	Mathematics and Computer Science	237	6,9	234	98,7	13,6
2.	Physics	15	0,4	6	40,0	0,3
3.	Chemistry and Chemical Engineering	80	2,3	46	57,5	2,7
4.	Biology and Geology	130	3,8	74	56,9	4,3
5.	Geography	183	5,3	72	39,3	4,2
6.	Environmental Science	27	0,8	10	37,0	0,6
7.	History and Philosophy	143	4,2	50	35,0	2,9
8.	Psychology and Educational Sciences	146	4,2	63	43,2	3,7
9.	Political, Administrative and Communication Sciences	139	4,0	54	38,8	3,1
10.	Letters	152	4,4	73	48,0	4,3
11.	Law	524	15,2	330	63,0	19,2
12.	Economics and Business Administration	809	23,5	377	46,6	22,0
13.	Physical Education and Sport	109	3,2	35	32,1	2,0
14.	European Studies	76	2,2	37	48,7	2,2
15.	Sociology and Social Work	329	9,6	141	42,9	8,2
16.	Business	112	3,3	42	37,5	2,4
17.	Orthodox Theology	55	1,6	20	36,4	1,2
18.	Greek Catholic Theology	71	2,1	15	21,1	0,9
19.	Roman Catholic Theology	20	0,6	6	30,0	0,3
20.	Reformed Theology and Music	27	0,8	9	33,3	0,5
21.	Theatre and Film	35	1,0	10	28,6	0,6
22.	Engineering	19	0,6	13	68,4	0,8
	Total	3.438	100	1.717	49,9	100

During the first 12 months after graduation, most respondents (87,3%) declared that they were employed, 8,1% had their own business / worked independently and 12,3% declared they were continuing their studies. The share of those unemployed is 7,5% (Table 6).

Table 6. The Distribution of graduates of the Year 2021 in the first 12 months after graduation of the master studies, by graduated faculty

No.	Faculty of ...	Employed		Continuing studies		Have their own business / work independently		Unemployed	
		No	%	No	%	No	%	No	%
1.	Mathematics and Computer Science	216	92,3	28	12,0	20	8,5	10	4,3
2.	Physics	4	66,7	2	33,3	-	-	-	-
3.	Chemistry and Chemical Engineering	36	78,3	13	28,3	-	-	1	2,2
4.	Biology and Geology	70	94,6	11	14,9	2	2,7	3	4,1
5.	Geography	57	79,2	8	11,1	9	12,5	10	13,9
6.	Environmental Science	10	100,0	-	-	-	-	1	10,0
7.	History and Philosophy	40	80,0	4	8,0	3	6,0	7	14,0
8.	Psychology and Educational Sciences	49	77,8	17	27,0	2	3,2	10	15,9
9.	Political, Administrative and Communication Sciences	39	72,2	17	31,5	3	5,6	5	9,3
10.	Letters	67	91,8	7	9,6	5	6,8	5	6,8
11.	Law	284	86,1	41	12,4	41	12,4	22	6,7
12.	Economics and Business Administration	340	90,2	28	7,4	24	6,4	26	6,9
13.	Physical Education and Sport	30	85,7	5	14,3	2	5,7	4	11,4
14.	European Studies	35	94,6	2	5,4	6	16,2	2	5,4
15.	Sociology and Social Work	122	86,5	14	9,9	6	4,3	13	9,2
16.	Business	37	88,1	4	9,5	9	21,4	3	7,1
17.	Orthodox Theology	17	85,0	7	35,0	1	5,0	1	5,0
18.	Greek Catholic Theology	14	93,3	-	-	1	6,7	-	-
19.	Roman Catholic Theology	5	83,3	1	16,7	-	-	1	16,7
20.	Reformed Theology and Music	6	66,7	2	22,2	-	-	2	22,2
21.	Theatre and Film	9	90,0	-	-	4	40,0	1	10,0
22.	Engineering	12	92,3	-	-	1	7,7	1	7,7
	TOTAL	1499	87,3	211	12,3	139	8,1	128	7,5

Notes. The totals percentages per faculty amount to more than 100% because some graduates work while still studying. The same observation is valid for the totals of numbers.
The employed category includes graduates continuing their studies, who took a job, or who continued their existing jobs, as well as graduates who set up their own business and former graduates working independently.

Graduates of the Year of 2021 – doctoral schools

Out of a total of 228 graduates who received the Doctoral title during 2021, 184 (80,7%) filled in the questionnaire (Table 7).

Table 7. Distribution of respondents by doctoral school

No.	Doctoral School	Number of PhD graduates	% in sample
1.	Mathematics and Computer Science	14	7,61
2.	Physics	10	5,43
3.	Chemistry	5	2,72
4.	Chemical Engineering	1	0,54
5.	Integrative Biology	5	2,72
6.	Theoretical and Applied Geology	1	0,54
7.	Environmental Science	2	1,09
8.	Geography	6	3,26
9.	History, Civilization, Culture	12	6,52
10.	International Relations and Security Studies	8	4,35
11.	Population Studies and History of Minorities	3	1,63
12.	Philosophy	9	4,89
13.	Sociology	2	1,09
14.	Evidence-based Assessment and Psychological Interventions	5	2,72
15.	Applied Cognitive Psychology	4	2,17
16.	Education, Reflection, Development	9	4,89
17.	Administration and Public Policy	1	0,54
18.	Communication, Public Relations, and Advertising	4	2,17
19.	Political and Communication Sciences	4	2,17
20.	Linguistic and Literary Studies	12	6,52
21.	Hungarology Studies	7	3,8
22.	Law	5	2,72
23.	Economics and Business Administration	10	5,43
24.	Physical Education and Sport	5	2,72
25.	Orthodox Theology "Isidor Todoran"	20	10,87
26.	Theology "Ecumene"	3	1,63
27.	Theatre and Performing Arts	7	3,80
28.	European Paradigm	9	4,89
	Total	184	100

Most of the doctoral school graduates (95,1%) are employed or have their own business / work independently (Table 8).

Table 8. of graduates of the Year 2021 in the first 12 months after graduation of the master studies, by doctoral school

No.	Doctoral School	Employed		Have their own business / work independently		Unemployed		Nonresponse	
		No	%	No	%	No	%	No	%
1.	Mathematics and Computer Science	11	78,6	1	7,1	0	0	2	14,3
2.	Physics	10	100	0	0,0	0	0	0	0,0
3.	Administration and Public Policy	1	100	0	0,0	0	0	0	0,0
4.	Integrative Biology	5	100	0	0,0	0	0	0	0,0
5.	Chemistry and Chemical Engineering	5	83	1	16,7	0	0	0	0,0
6.	Communication, Public Relations, and Advertising	4	100	0	0,0	0	0	0	0,0
7.	Law	4	80	0	0,0	0	0	1	20,0
8.	Theology "Ecumene"	3	100	0	0,0	0	0	0	0,0
9.	Physical Education and Sport	5	100	0	0,0	0	0	0	0,0
10.	Education, Reflection, Development	9	100	0	0,0	0	0	0	0,0
11.	Philosophy	7	78	1	11,1	1	11	0	0,0
12.	Geography	5	83	1	16,7	0	0	0	0,0
13.	Theoretical and Applied Geology	1	100	0	0,0	0	0	0	0,0
14.	Engineering	1	100	0	0,0	0	0	0	0,0
15.	History, Civilization, Culture	12	100	0	0,0	0	0	0	0,0
16.	European Paradigm	9	100	0	0,0	0	0	0	0,0
17.	Evidence-based Assessment and Psychological Interventions	5	100	0	0,0	0	0	0	0,0
18.	Applied Cognitive Psychology	4	100	0	0,0	0	0	0	0,0
19.	International Relations and Security Studies	5	63	0	0,0	2	25	1	12,5
20.	Economics and Business Administration	9	90	0	0,0	1	10	0	0,0
21.	Sociology	2	100	0	0,0	0	0	0	0,0
22.	Hungarology Studies	7	100	0	0,0	0	0	0	0,0
23.	Population Studies and History of Minorities	3	100	0	0,0	0	0	0	0,0
24.	Linguistic and Literary Studies	11	92	1	8,3	0	0	0	0,0
25.	Environmental Science	2	100	0	0,0	0	0	0	0,0
26.	Political and Communication Sciences	4	100	0	0,0	0	0	0	0,0
27.	Theatre and Performing Arts	6	85,7	1	14,3	0	0	0	0,0
28.	Orthodox Theology "Isidor Todoran"	19	95	0	0,0	1	5	0	0,0
	TOTAL	169	91,8	6	3,3	5	2,7	4	2,2

Note. The employed category includes graduates continuing their studies, who took a job, or who continued their existing jobs, as well as graduates who set up their own business and former graduates working independently.