

A black and white photograph of a building facade. The image shows a wooden door with a decorative metal handle and a spherical lamp hanging from a black metal bracket. The text is overlaid on the image.

Babeş-Bolyai University

**Labor market integration of UBB graduates
year of 2023**

- summary report -

February 2026

The analysis of the integration of graduates from Babeş-Bolyai University (UBB) has been conducted annually since 1998, initially focusing only on bachelor’s degree graduates. Since 2013, the study has been extended to include master’s and doctoral school graduates, with specific questionnaires developed for each level of study.

Starting in 2019, the questionnaires have been completed online, following the dedicated procedure (HCA 5881 / 08.04.2019).

The targeted population for this study consists of the 11,247 Babeş-Bolyai University graduates from the 2023 cohort (Table 1): bachelor’s degree graduates who passed the bachelor’s examination, master’s degree graduates who passed the dissertation examination, and doctoral school graduates who publicly defended their PhD thesis during 2023.

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

Level of study	UBB graduates, year of 2023	Share in the total number of UBB graduates, year of 2023	Graduates who filled in the questionnaire		
			Number	Share in sample	Share in the total number of UBB graduates, year of 2023
Bachelor	7,673	68.2%	5,320	72.7%	69.3%
Master	3,336	29.7%	1,825	24.9%	54.7%
Doctoral	238	2.1%	177	2.4%	74.7%
Total	11,247	100%	7,322	100%	-

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 (50.5%) (Figure 1).

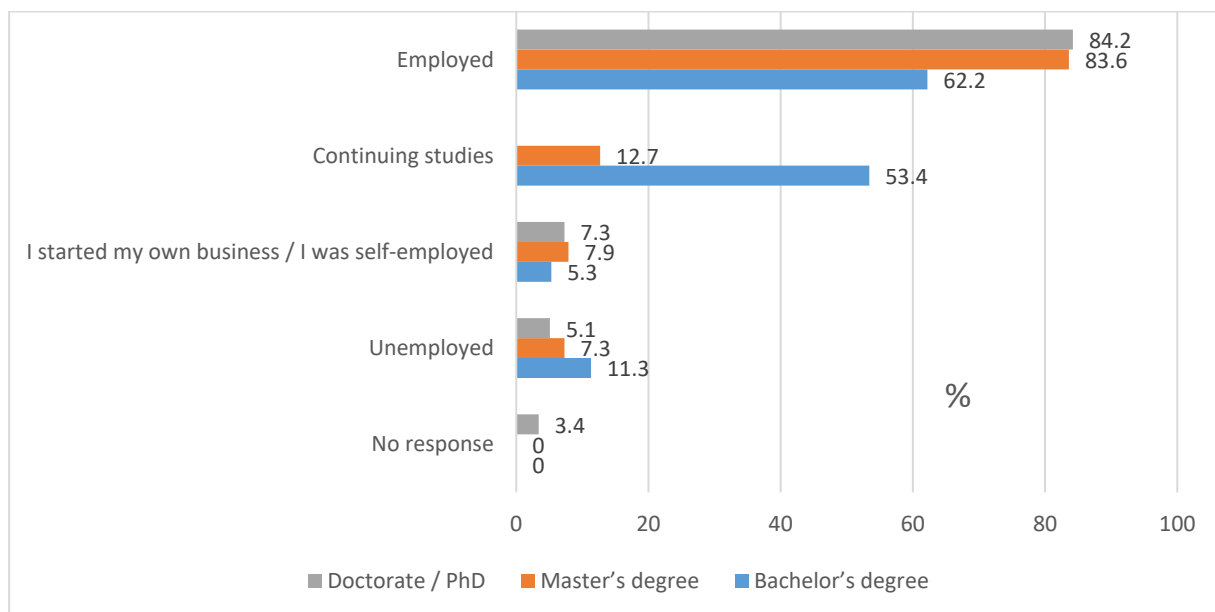


Figure 1. Occupational status of graduates in the first 12 months after completing their studies

Labor market integration of UBB graduates, 2023 cohort

Graduates of the Year of 2023 – bachelor’s level

Out of a total of 7,673 bachelor graduates 5,320 (69.3%) filled in the questionnaire (Table 2).

Table 2. Distribution by faculty of the 2023 cohort of bachelor’s degree graduates

No.	Faculty of ...	Number of bachelor graduates	% of the total population of bachelor’s degree graduates of UBB	Graduates who filled in the questionnaire		
				Number	% of the total population of bachelor’s degree graduates by faculty	% in sample
1.	Mathematics and Computer Science	666	8.7	649	97.4	12.2
2.	Physics	53	0.7	39	73.6	0.7
3.	Chemistry and Chemical Engineering	136	1.8	105	77.2	2.0
4.	Biology and Geology	215	2.8	178	82.8	3.3
5.	Geography	328	4.3	228	69.5	4.3
6.	Environmental Science	57	0.7	39	68.4	0.7
7.	Law	301	3.9	209	69.4	3.9
8.	Letters	524	6.8	353	67.4	6.6
9.	History and Philosophy	316	4.1	202	63.9	3.8
10.	Sociology and Social Work	295	3.8	201	68.1	3.8
11.	Psychology and Educational Sciences	1,386	18.1	1,014	73.2	19.1
12.	Economics and Business Administration	1,433	18.7	922	64.3	17.3
13.	European Studies	218	2.8	161	73.9	3.0
14.	Business	231	3.0	134	58.0	2.5
15.	Political, Administrative and Communication Sciences	835	10.9	480	57.5	9.0
16.	Physical Education and Sport	379	4.9	241	63.6	4.5
17.	Orthodox Theology	71	0.9	49	69.0	0.9
18.	Greek Catholic Theology	43	0.6	13	30.2	0.2
19.	Reformed Theology and Music	34	0.4	17	50.0	0.3
20.	Roman Catholic Theology	36	0.5	14	38.9	0.3
21.	Theatre and Film	86	1.1	46	53.5	0.9
22.	Engineering	30	0.4	26	86.7	0.5
	Total	7,673	100%	5,320	69.3%	100%

The graduate employability rate at the institutional level is 62.2%; at the same time, half of the graduates continue their studies, 5.3% run their own business, and 11.3% are unemployed (Table 3). More than half (55.5%) of the graduates who found a job within the first 12 months after completing their studies reported that it was in line with their field of study.

Table 3. Employment status of the 2023 cohort of bachelor’s degree graduates in the first 12 months after graduation, by faculty¹

No.	Faculty of ...	Employed		Continuing studies		Have their own business / work independently		Unemployed	
		nr	%	nr	%	nr	%	nr	%
1.	Mathematics and Computer Science	525	80.9	303	46.7	30	4.6	40	6.2
2.	Physics	16	41.0	30	76.9	1	2.6	5	12.8
3.	Chemistry and Chemical Engineering	55	52.4	79	75.2	1	1.0	14	13.3
4.	Biology and Geology	58	32.6	141	79.2	3	1.7	36	20.2
5.	Geography	101	44.3	145	63.6	10	4.4	26	11.4
6.	Environmental Science	16	41.0	22	56.4	2	5.1	6	15.4
7.	Law	106	50.7	89	42.6	8	3.8	37	17.7
8.	Letters	191	54.1	226	64.0	18	5.1	41	11.6
9.	History and Philosophy	106	52.5	130	64.4	7	3.5	24	11.9
10.	Sociology and Social Work	138	68.7	96	47.8	4	2.0	24	11.9
11.	Psychology and Educational Sciences	641	63.2	469	46.3	45	4.4	110	10.8
12.	Economics and Business Administration	657	71.3	509	55.2	52	5.6	97	10.5
13.	European Studies	88	54.7	101	62.7	9	5.6	19	11.8
14.	Business	84	62.7	57	42.5	16	11.9	15	11.2
15.	Political, Administrative and Communication Sciences	301	62.7	235	49.0	35	7.3	66	13.8
16.	Physical Education and Sport	144	59.8	116	48.1	16	6.6	24	10.0
17.	Orthodox Theology	25	51.0	29	59.2	5	10.2	4	8.2
18.	Greek Catholic Theology	6	46.2	6	46.2	2	15.4	1	7.7
19.	Reformed Theology and Music	8	47.1	10	58.8	0	0.0	3	17.6
20.	Roman Catholic Theology	5	35.7	10	71.4	0	0.0	0	0.0
21.	Theatre and Film	16	34.8	24	52.2	15	32.6	9	19.6
22.	Engineering	20	76.9	12	46.2	1	3.8	2	7.7
	TOTAL	3,307	62.2%	2,839	53.4%	280	5.3%	603	11.3%

¹ The totals of the figures presented for each faculty, as well as for the entire UBB, exceed 100% because respondents were asked to select all answer options that applied to their situation.

Labor market integration of UBB graduates, 2023 cohort

Graduates of the Year of 2023 – master’s level

Out of a total of 3,336 master’s degree graduates who took the dissertation exam, 1,825 (54.7%) responded to the questionnaire (Table 4).

Table 4. Distribution by faculty of the 2023 cohort of master’s degree graduates

No.	Faculty of ...	Number of master graduates	% of the total population of master’s degree graduates of UBB	Graduates who filled in the questionnaire		
				Number	% of the total population of master’s degree graduates by faculty	% in sample
1.	Mathematics and Computer Science	208	6.2	143	68.8	7.8
2.	Physics	23	0.7	15	65.2	0.8
3.	Chemistry and Chemical Engineering	66	2.0	50	75.8	2.7
4.	Biology and Geology	149	4.5	95	63.8	5.2
5.	Geography	142	4.3	75	52.8	4.1
6.	Environmental Science	36	1.1	19	52.8	1.0
7.	Law	78	2.3	34	43.6	1.9
8.	Letters	136	4.1	87	64.0	4.8
9.	History and Philosophy	151	4.5	83	55.0	4.5
10.	Sociology and Social Work	120	3.6	54	45.0	3.0
11.	Psychology and Educational Sciences	644	19.3	316	49.1	17.3
12.	Economics and Business Administration	719	21.6	455	63.3	24.9
13.	European Studies	135	4.0	64	47.4	3.5
14.	Business	64	1.9	26	40.6	1.4
15.	Political, Administrative and Communication Sciences	308	9.2	147	47.7	8.1
16.	Physical Education and Sport	123	3.7	70	56.9	3.8
17.	Orthodox Theology	69	2.1	30	43.5	1.6
18.	Greek Catholic Theology	52	1.6	8	15.4	0.4
19.	Reformed Theology and Music	29	0.9	24	82.8	1.3
20.	Roman Catholic Theology	25	0.7	9	36.0	0.5
21.	Theatre and Film	40	1.2	16	40.0	0.9
22.	Engineering	19	0.6	5	26.3	0.3
	Total	3,336	100%	1,825	54.7%	100%

Within the first 12 months after graduation, the majority (83.6%) of respondents reported being employed, 7.9% had their own business or were self-employed, and 12.7% stated that they continued their studies. The share of unemployed graduates is 7.3% (Table 5). More than half of the graduates (61%) reported that the first job obtained after completing their studies corresponded to their field of specialization.

Table 5. Employment status of the 2023 cohort of master’s degree graduates in the first 12 months after completing their master’s studies, by faculty ²

No.	Faculty of ...	Employed		Continuing studies		Have their own business / work independently		Unemployed	
		nr	%	nr	%	nr	%	nr	%
1.	Mathematics and Computer Science	130	90.9	20	14.0	6	4.2	2	1.4
2.	Physics	10	66.7	8	53.3	-	0.0	2	13.3
3.	Chemistry and Chemical Engineering	44	88.0	13	26.0	2	4.0	1	2.0
4.	Biology and Geology	75	78.9	16	16.8	3	3.2	9	9.5
5.	Geography	63	84.0	7	9.3	3	4.0	7	9.3
6.	Environmental Science	14	73.7	3	15.8	4	21.1	3	15.8
7.	Law	30	88.2	8	23.5	3	8.8	3	8.8
8.	Letters	72	82.8	18	20.7	5	5.7	7	8.0
9.	History and Philosophy	58	69.9	20	24.1	4	4.8	14	16.9
10.	Sociology and Social Work	49	90.7	6	11.1	4	7.4	3	5.6
11.	Psychology and Educational Sciences	261	82.6	33	10.4	50	15.8	19	6.0
12.	Economics and Business Administration	401	88.1	32	7.0	27	5.9	28	6.2
13.	European Studies	47	73.4	11	17.2	4	6.3	7	10.9
14.	Business	19	73.1	1	3.8	2	7.7	2	7.7
15.	Political, Administrative and Communication Sciences	118	80.3	17	11.6	9	6.1	17	11.6
16.	Physical Education and Sport	63	90.0	4	5.7	6	8.6	3	4.3
17.	Orthodox Theology	21	70.0	8	26.7	1	3.3	2	6.7
18.	Greek Catholic Theology	7	87.5	-	-	2	25.0	-	0.0
19.	Reformed Theology and Music	23	95.8	1	4.2	1	4.2	2	8.3
20.	Roman Catholic Theology	6	66.7	3	33.3	-	0.0	1	11.1
21.	Theatre and Film	11	68.8	2	12.5	8	50.0	-	0.0
22.	Engineering	4	80.0	1	20.0	-	0.0	1	20.0
	TOTAL	1,526	83.6%	232	12.7%	144	7.9%	133	7.3%

² The totals of the figures presented for each faculty, as well as at the level of UBB, exceed 100% because respondents were asked to select all response options that applied to their situation.

Labor market integration of UBB graduates, 2023 cohort

Graduates of the Year of 2023 – doctoral schools

Out of a total of 238 graduates who received the Doctoral title during 2023, 177 (74,7%) filled in the questionnaire (Table 6).

Table 6. Distribution by faculty of respondents from the 2023 cohort, doctoral level

No.	Faculty of ...	Number of doctoral graduates	% of the total population	Graduates who filled in the questionnaire	
				Number	% in sample
1.	Mathematics and Computer Science	7	2.9	7	4.0
2.	Physics	7	2.9	7	4.0
3.	Chemistry and Chemical Engineering	7	2.9	7	4.0
4.	Biology and Geology	3	1.3	3	1.7
5.	Geography	4	1.7	3	1.7
6.	Environmental Science	6	2.5	3	1.7
7.	Law	4	1.7	3	1.7
8.	Letters	16	6.7	15	8.5
9.	History and Philosophy	46	19.3	37	20.9
10.	Sociology and Social Work	4	1.7	4	2.3
11.	Psychology and Educational Sciences	35	14.7	23	13.0
12.	Economics and Business Administration	15	6.3	11	6.2
13.	European Studies	15	6.3	7	4.0
14.	Business	-	-	-	-
15.	Political, Administrative and Communication Sciences	22	9.2	16	9.0
16.	Physical Education and Sport	16	6.7	11	6.2
17.	Orthodox Theology	19	8.0	13	7.3
18.	Greek Catholic Theology	-	-	-	-
19.	Reformed Theology and Music	4	1.7	4	2.3
20.	Roman Catholic Theology	3	1.3	-	-
21.	Theatre and Film	5	2.1	3	1.7
22.	Engineering	-	-	-	-
	Total UBB	238	100%	177 (74.7%)*	100%

** Percentage of those who completed the questionnaire when collecting their doctoral diploma

Twelve months after graduation, most doctoral graduates (91.5%) are employed, run their own business, or are self-employed. The share of unemployed graduates is 5.1% (Table 7). More than half of the graduates (75.6%) report that the first job obtained after completing their studies corresponded to their doctoral field of study.

Table 7. Occupational status of graduates who publicly defended their PhD thesis in 2023, in the first 12 months after graduation, by doctoral school³

No.	Doctoral School	Employed		Have their own business / work independently		Unemployed		Nonresponse	
		no	%	no	%	no	%	no	%
1.	Mathematics and Computer Science	7	100.0	0	0.0	0	0.0	0	0.0
2.	Physics	5	71.4	0	0.0	1	14.3	1	14.3
3.	Chemistry	7	100.0	0	0.0	0	0.0	0	0.0
4.	Integrative Biology	1	50.0	1	50.0	0	0.0	0	0.0
5.	Geology	1	100.0	0	0.0	0	0.0	0	0.0
6.	Environmental Science	3	100.0	0	0.0	0	0.0	0	0.0
7.	Geography	3	100.0	0	0.0	0	0.0	0	0.0
8.	History, Civilization, Culture	10	66.7	2	13.3	3	20.0	0	0.0
9.	International Relations and Security Studies	8	100.0	0	0.0	0	0.0	0	0.0
10.	Philosophy	5	71.4	1	14.3	1	14.3	0	0.0
11.	European Paradigm	6	85.7	0	0.0	0	0.0	1	14.3
12.	Sociology	4	100.0	0	0.0	0	0.0	0	0.0
13.	Evidence-based Assessment and Psychological Interventions	3	100.0	0	0.0	0	0.0	0	0.0
14.	Applied Cognitive Psychology	7	77.8	2	22.2	0	0.0	0	0.0
15.	Education, Reflection, Development	7	87.5	0	0.0	0	0.0	1	12.5
16.	Linguistics and Literary Studies	7	70.0	2	20.0	0	0.0	1	10.0
17.	Hungarology Studies	4	80.0	0	0.0	0	0.0	1	20.0
18.	Law	3	100.0	0	0.0	0	0.0	0	0.0
19.	Economics and Business Administration	10	90.9	1	9.1	0	0.0	0	0.0
20.	Physical Education and Sport	10	90.9	0	0.0	0	0.0	1	9.1
21.	Orthodox Theology “Isidor Todoran”	11	84.6	0	0.0	2	15.4	0	0.0
22.	Reformed Theology	4	100.0	0	0.0	0	0.0	0	0.0
23.	Theatre and Film	0	0.0	3	100.0	0	0.0	0	0.0
24.	Administration and Public Policy	5	71.4	1	14.3	1	14.3	0	0.0
25.	Communication, Public Relations, and Advertising	9	100.0	0	0.0	0	0.0	0	0.0
26.	Population Studies and History of Minorities	6	85.7	0	0.0	1	14.3	0	0.0
27.	Didactics. Tradition, Development, Innovation	3	100.0	0	0.0	0	0.0	0	0.0
	Total	149	84.2%	13	7.3%	9	5.1%	6	3.4%

³The totals of the figures presented for each faculty, as well as for Babeş-Bolyai University, exceed 100% because respondents were asked to select all response options that applied to their situation.