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STUDENTS ENROLLED ON DOCTORAL STUDIES, 2024/2025 ACADEMIC YEAR

In the 2024/2025 academic year, **4 946** doctoral candidates enrolled on doctoral studies.

The highest number of doctoral candidates were enrolled at the University of Zagreb, **58.6%** of them, followed by 12.6% enrolled at the University of Osijek, 10.9% at the University of Rijeka, 8.1% at the University of Split, 2.7% at the University North, 2.4% at the University of Zadar, 2.2% at the Catholic University of Croatia, 1.4% at the University of Dubrovnik, 0.8% at the University of Slavonski Brod, 0.2% at the University of Pula, and 0.1% at the Libertas International University.

More women than men enrolled on doctoral studies

Out of the total number of doctoral candidates, 2 791 were women (**56.4%**). The most female doctoral candidates were enrolled at the University North, 77.6%, followed by the University of Pula, with 75.0%, the University of Osijek, with 63.2%, the Catholic University of Croatia, with 58.2%, the Libertas International University, with 57.1%, the University of Rijeka, with 57.0%, the University of Zadar, with 56.0%, the University of Split, with 55.5%, the University of Zagreb, with 54.6%, and the University of Dubrovnik, with 50.7% of them. The lowest share of female doctoral candidates was enrolled at the University of Slavonski Brod, 10.8% of them.

Majority of doctoral candidates enrolled at the age ranging from 25 to 29

Regarding the age structure in five-year age groups, the most doctoral candidates were classified in the 25 – 29 age group (**32.4%**) and the fewest in the under-24 age group (2.7%). There were 23.6% of doctoral candidates in the 30 – 34 age group, 15.3% in the 35 – 39 age group, 10.9% in the 40 – 44 age group, 7.8% in the 45 – 49 age group, 4.3% in the 50 – 54 age group, and 3.0% in the 55-and-over age group.

Science field – the most often chosen field for doctoral studies

Regarding the scientific, interdisciplinary and artistic fields of study, the most frequently chosen fields for university doctoral studies were the scientific fields of study (**92.1%**), followed by the interdisciplinary fields of science and art (7.6%), and finally, the artistic fields of study (0.3%).

A total of 4.8% of foreign citizens enrolled on doctoral studies in the Republic of Croatia

By the country of usual residence, **95.2%** of doctoral candidates were the residents of the Republic of Croatia and 4.8% were the residents of other countries, among which the most represented were the residents of Bosnia and Herzegovina and Kosovo, who mostly enrolled on doctoral studies at the University of Zagreb. By citizenship, out of the total number of doctoral candidates, 97.7% of them were citizens of the Republic of Croatia, while 3.3% were foreign citizens. Out of the total number of doctoral candidates who were Croatian citizens, 93.8% had previously graduated in the Republic of Croatia and 6.2% in other countries.

The largest number of doctoral candidates were employed in Education

Out of the total number of doctoral candidates, **96.8%** of them were employed and 3.2% were unemployed. Out of all employed doctoral candidates in the scientific field of study, the most were employed in Education, as many as **39.9%**, followed by those employed in Health and social welfare, 18.0%, in Professional, scientific and technical activities, 14.8%, in Public administration and defence; compulsory social security, 7.0%, in Information and communication, 3.3%, in Manufacturing, 2.3%, in Arts, entertainment and recreation, 2.2%, and in Other service activities, 2.0%, while 7.3% of doctoral candidates were employed in other activities.

Doctoral candidates mostly paid the costs of their studies themselves

Out of the total number of doctoral candidates, 50.9% of them paid their doctoral study themselves, 39.4% were supported by the employer, 6.3% were supported from the State Budget, and 3.4% belonged to the category Other.

1 STUDENTS ENROLLED ON DOCTORAL STUDIES, BY UNIVERSITIES, BY NAME AND
LOCATION OF INSTITUTION OF HIGHER EDUCATION, BY SCIENTIFIC,
INTERDISCIPLINARY AND ARTISTIC FIELDS AND BY SEX, 2024/2025 ACADEMIC YEAR

Faculty of Veterinary Medicine, Zagreb	34	25	-	-	-	-	34	25	-	-	-	-	-	-	-
Faculty of Food Technology and Biotechnology, Zagreb	82	69	-	-	-	-	-	-	82	69	-	-	-	-	-
Faculty of Agriculture, Zagreb	61	31	-	-	-	-	-	-	61	31	-	-	-	-	-
Faculty of Forestry and Wood Technology, Zagreb	57	21	-	-	-	-	-	-	57	21	-	-	-	-	-
Faculty of Economics and Business, Zagreb	42	28	-	-	-	-	-	-	-	42	28	-	-	-	-
Faculty of Organisation and Informatics, Varaždin	17	9	-	-	-	-	-	-	-	17	9	-	-	-	-
Faculty of Law, Zagreb	226	136	-	-	-	-	-	-	-	226	136	-	-	-	-
Faculty of Political Sciences, Zagreb	61	34	-	-	-	-	-	-	-	61	34	-	-	-	-
Faculty of Humanities and Social Sciences, Zagreb	191	125	-	-	-	-	-	-	-	64	47	127	78	-	-
Faculty of Croatian Studies, Zagreb	49	19	-	-	-	-	-	-	-	-	49	19	-	-	-
Faculty of Education and Rehabilitation Sciences, Zagreb	55	51	-	-	-	-	-	-	-	55	51	-	-	-	-
Faculty of Kinesiology, Zagreb	33	16	-	-	-	-	-	-	-	33	16	-	-	-	-
Faculty of Teacher Education, Zagreb	39	35	-	-	-	-	-	-	-	-	-	-	-	-	39
Catholic Theological Faculty, Zagreb	18	4	-	-	-	-	-	-	-	-	18	4	-	-	-
Faculty of Philosophy and Religious Studies, Zagreb	15	10	-	-	-	-	-	-	-	-	15	10	-	-	-
Academy of Fine Arts, Zagreb	16	13	-	-	-	-	-	-	-	-	-	-	16	13	-
Catholic University of Croatia, Zagreb	110	64	-	-	-	-	-	-	-	54	42	56	22	-	-
Libertas International University, Zagreb	7	4	-	-	-	-	-	-	-	7	4	-	-	-	-

2 STUDENTS ENROLLED ON DOCTORAL STUDIES, BY SCIENTIFIC, INTERDISCIPLINARY AND ARTISTIC FIELDS OF DOCTORAL STUDY, BY AGE GROUPS AND BY SEX, 2024/2025 ACADEMIC YEAR

	Total		Age groups								
	All	Women	Up to 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 and over	
Total	4 946	2 791	131	1 600	1 166	759	541	387	215	147	
Natural sciences	699	392	33	323	177	85	44	18	11	8	
Mathematics	74	30	11	44	9	2	4	3	-	1	
Physics	153	59	5	87	34	15	9	1	1	1	
Geological science	32	17	1	8	13	3	4	3	-	-	
Chemistry	163	102	8	91	44	11	7	1	-	1	
Biology	156	111	5	57	44	29	6	7	6	2	
Geophysics	25	17	1	9	7	6	2	-	-	-	
Geography	28	16	-	3	10	8	2	1	3	1	
Interdisciplinary natural sciences	68	40	2	24	16	11	10	2	1	2	
Engineering	1 143	409	56	453	277	144	90	62	34	27	
Architecture and town planning	29	17	2	8	8	7	1	3	-	-	
Naval architecture	3	2	-	1	2	-	-	-	-	-	
Electrical engineering	264	64	25	118	59	27	17	12	5	1	
Geodesy	41	14	2	17	13	5	2	-	1	1	
Civil engineering	91	44	1	30	31	9	13	1	-	6	
Graphic technology	47	20	-	3	6	12	9	11	4	2	
Chemical engineering	106	68	1	46	35	13	6	3	2	-	
Metallurgy	3	3	-	2	1	-	-	-	-	-	
Computer science	209	60	13	116	40	19	6	9	4	2	
Mining, petroleum and geological engineering	9	8	1	3	1	2	2	-	-	-	
Mechanical engineering	103	23	4	47	20	13	11	-	4	4	
Technology of transport and traffic	127	29	3	29	38	19	11	14	7	6	
Textile technology	38	29	-	8	10	9	4	2	3	2	
Aviation, rocket and space technology	2	-	-	1	1	-	-	-	-	-	
Basic technical sciences	10	1	2	5	3	-	-	-	-	-	
Interdisciplinary technical sciences	61	27	2	19	9	9	8	7	4	3	
Biomedicine and health	786	513	2	275	215	148	85	38	13	10	
Basic medical sciences	106	67	-	54	22	19	4	3	3	1	
Clinical medical sciences	408	250	-	126	121	78	51	27	3	2	
Public health and health care	22	20	1	5	6	4	3	1	1	1	
Veterinary medicine	34	25	-	19	8	4	1	-	2	-	
Dental medicine	109	67	-	51	28	15	8	3	2	2	
Pharmacy	107	84	1	20	30	28	18	4	2	4	
Biotechnical sciences	285	173	5	77	91	38	37	23	8	6	
Agronomy	85	43	2	33	29	11	6	4	-	-	
Forestry	34	14	-	13	9	3	2	3	3	1	
Wood technology	23	7	1	4	10	3	3	1	1	-	
Biotechnology	19	18	1	5	7	1	4	1	-	-	
Food technology	65	48	1	18	18	9	8	6	3	2	
Nutrition	47	40	-	3	11	11	13	6	1	2	
Interdisciplinary biotechnical sciences	12	3	-	1	7	-	1	2	-	1	
Social sciences	1 179	767	16	241	209	199	182	168	96	68	
Economics	302	180	3	51	49	51	58	51	20	19	

Law	214	114	-	35	28	48	31	39	18	15
Political science	61	34	2	20	16	9	5	5	2	2
Information sciences	202	144	4	27	45	30	35	37	16	8
Communication sciences	15	9	1	6	1	4	-	2	-	1
Sociology	60	46	2	12	9	9	3	7	12	6
Psychology	86	61	1	26	18	13	13	9	2	4
Pedagogy	45	40	-	14	6	9	8	3	2	3
Education and rehabilitation sciences	55	51	-	10	19	11	9	1	5	-
Kinesiology	47	20	2	23	4	5	3	2	5	3
Social work	61	52	-	9	11	7	8	9	12	5
Interdisciplinary social sciences	31	16	1	8	3	3	9	3	2	2
Humanities	460	266	14	136	121	71	39	31	27	21
Philosophy	58	28	4	13	15	8	7	6	3	2
Theology	19	5	-	7	4	2	3	-	1	2
Philology	145	107	3	48	41	28	7	12	5	1
History	113	42	6	37	27	11	6	6	10	10
History of arts	20	15	-	4	8	2	4	1	-	1
Arheology	22	16	-	4	7	5	3	1	1	1
Ethnology and anthropology	8	5	-	1	4	-	1	-	1	1
Religious sciences	15	10	1	3	3	3	3	-	1	1
Croatology	10	5	-	3	3	1	-	-	2	1
Interdisciplinary humanities	50	33	-	16	9	11	5	5	3	1
Artistic field	16	13	-	2	4	6	3	1	-	-
Interdisciplinary artistic field	16	13	-	2	4	6	3	1	-	-
Interdisciplinary fields of science and arts	378	258	5	93	72	68	61	46	26	7
Educational sciences	191	144	2	35	30	35	37	31	18	3
Other interdisciplinary fields	187	114	3	58	42	33	24	15	8	4

3 STUDENTS ENROLLED ON DOCTORAL STUDIES, BY UNIVERSITIES, BY COUNTRY OF USUAL RESIDENCE AND BY SEX, 2024/2025 ACADEMIC YEAR

Country	Total	University																							
		Dubrovnik		Osijek		Pula		Rijeka		North		Slavonski Brod		Split		Zadar		Zagreb		Libertas		Catholic University of Croatia			
		All	Women	All	Women	All	Women	All	Women	All	Women	All	Women	All	Women	All	Women	All	Women	All	Women	All	Women		
Total	4 946	2 791	67	34	625	395	12	9	537	306	134	104	37	4	400	222	116	65	2 901	1 584	7	4	110	64	
Croatia	4 706	2 679	58	31	599	381	12	9	515	296	133	103	34	4	373	212	108	65	2 760	1 511	7	4	107	63	
Other countries	240	112	9	3	26	14	-	-	22	10	1	1	3	-	27	10	8	-	141	73	-	-	3	1	
Austria	3	2	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
Azerbaijan	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bangladesh	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
Belgium	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	
Bosnia and Herzegovina	124	71	-	-	15	9	-	-	10	7	-	-	-	-	21	9	4	-	71	45	-	-	3	1	
Bulgaria	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
Montenegro	6	4	1	1	-	-	-	-	-	-	-	-	-	-	1	1	1	-	3	2	-	-	-	-	
Czech Republic	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
Chile	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
India	8	1	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	6	1	-	-	-	-	
Indonesia	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iran, Islamic Republic of	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	
Ireland	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Italy	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	1	-	-	-	-	
Kosovo	28	10	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	23	10	-	-	-	-
Luxembourg	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	
Hungary	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	
Morocco	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
Netherlands	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	
Germany	13	4	2	-	1	1	-	-	1	-	1	1	1	-	-	-	-	-	7	2	-	-	-	-	
Pakistan	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Russian Federation	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	
North Macedonia	3	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	2	1	-	-	-	-	
United States of America	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	
Slovenia	5	2	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	3	2	-	-	-	-	
Serbia	6	3	-	-	1	-	-	-	4	2	-	-	-	-	-	-	-	-	1	1	-	-	-	-	
Sweden	3	1	-	-	1	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	
Switzerland	5	2	1	1	1	1	-	-	1	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	
Türkiye	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
United Arab Emirates	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	
United Kingdom	4	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	

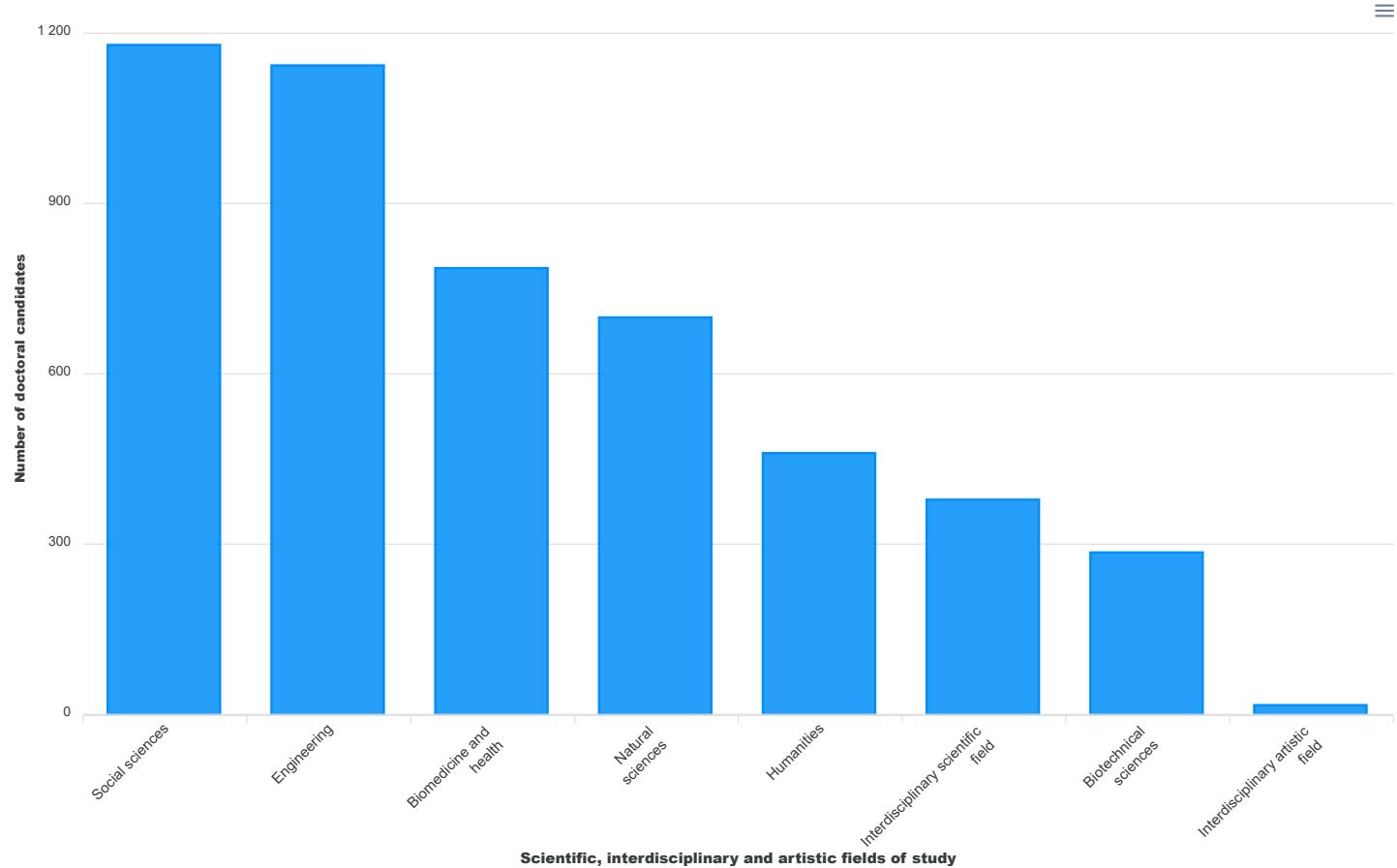
4 STUDENTS ENROLLED ON DOCTORAL STUDIES, BY COUNTRY OF STUDY COMPLETION, BY CITIZENSHIP AND BY SEX, 2024/2025 ACADEMIC YEAR

Country of previous education	Total		Citizenship			
			Croatian		Foreign	
	All	Women	All	Women	All	Women
Total	4 946	2 791	4 783	2 725	163	66
Croatia	4 640	2 643	4 629	2 637	11	6
Other countries	306	148	154	88	152	60
Albania	4	1	-	-	4	1
Austria	2	2	2	2	-	-
Azerbaijan	1	-	-	-	1	-
Bangladesh	1	-	-	-	1	-
Belgium	1	-	1	-	-	-
Bosnia and Herzegovina	118	68	70	42	48	26
Cyprus	1	-	-	-	1	-
Montenegro	4	3	-	-	4	3
Czech Republic	5	3	3	2	2	1
Chile	1	-	-	-	1	-
Egypt	1	-	-	-	1	-
Greece	1	-	-	-	1	-
India	8	1	-	-	8	1
Indonesia	1	-	-	-	1	-
Iran, Islamic Republic of	8	1	-	-	8	1
Italy	26	15	21	14	5	1
Canada	2	-	2	-	-	-
Qatar	1	1	1	1	-	-
China	1	-	-	-	1	-
Kosovo	25	9	-	-	25	9
Hungary	3	-	1	-	2	-
Morocco	1	-	-	-	1	-
Nigeria	1	-	-	-	1	-
Netherlands	1	-	1	-	-	-
Germany	10	3	7	2	3	1
Pakistan	2	1	-	-	2	1
Portugal	1	-	1	-	-	-
Russian Federation	4	1	1	-	3	1
United States of America	11	8	6	5	5	3
North Macedonia	6	4	1	1	5	3
Slovenia	17	9	12	6	5	3
Serbia	16	8	6	3	10	5
Spain	1	-	1	-	-	-
Sweden	3	-	3	-	-	-
Switzerland	1	1	1	1	-	-
Türkiye	1	-	-	-	1	-
United Arab Emirates	1	1	1	1	-	-
United Kingdom	12	7	11	7	1	-
Venezuela	2	1	1	1	1	-

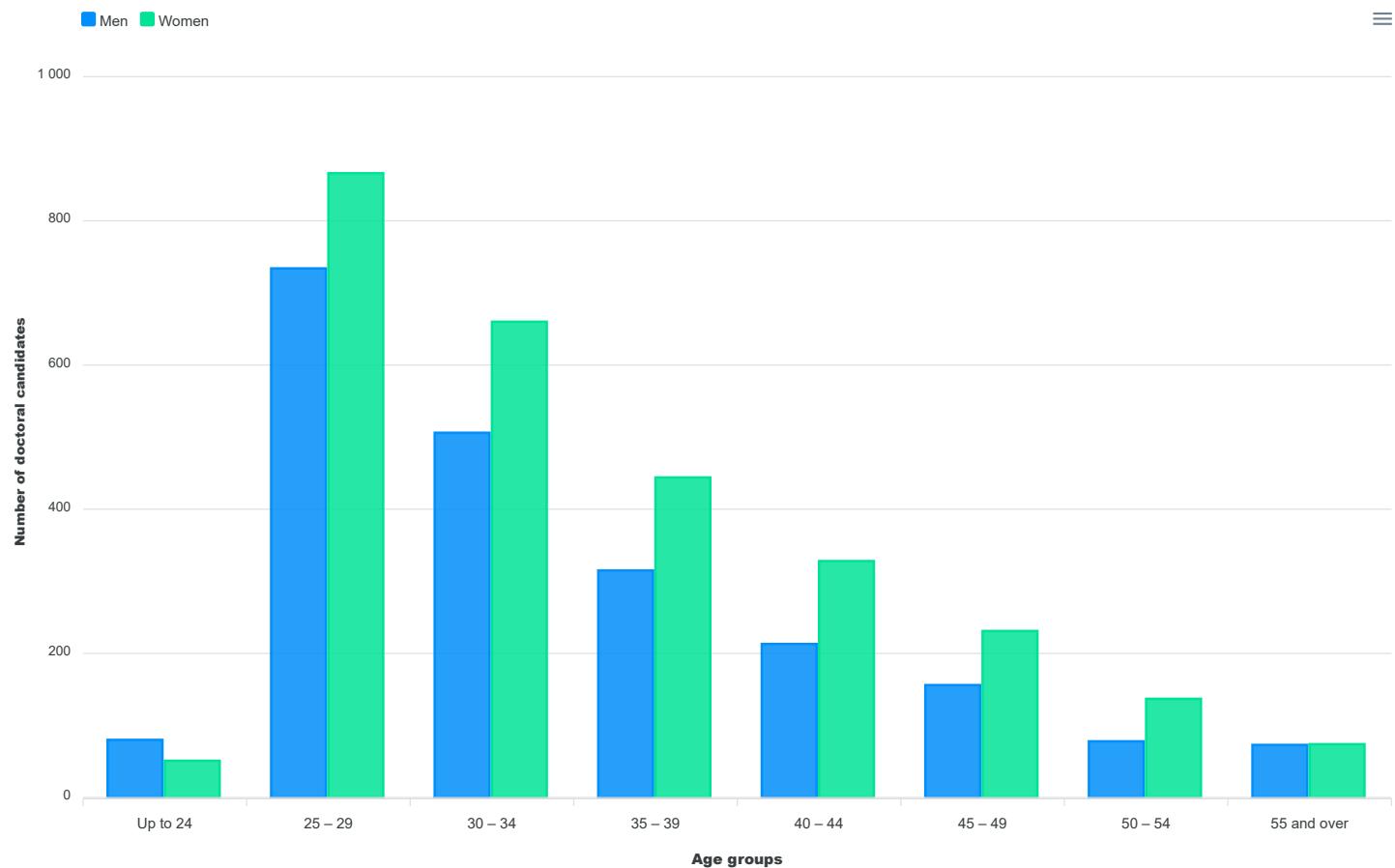
5 STUDENTS ENROLLED ON DOCTORAL STUDIES, BY ACTIVITY, BY WAY OF PAYING FOR STUDY AND BY SEX, 2024/2025 ACADEMIC YEAR

	Total		Way of paying for doctoral study			
	All	Women	Employer	State Budget funds	Doctoral candidate	Other
Total	4 946	2 791	1 949	312	2 516	169
Employed	4 790	2 710	1 949	312	2 377	152
Agriculture, forestry and fishing	27	9	10	1	16	-
Mining and quarrying	6	4	4	-	2	-
Manufacturing	115	60	38	1	70	6
Electricity, gas, steam and air conditioning supply	35	12	8	-	27	-
Water supply; sewerage, waste management and remediation activities	25	14	10	-	14	1
Construction	29	15	12	1	14	2
Wholesale and retail trade; repair of motor vehicles and motorcycles	83	52	16	3	61	3
Transportation and storage	39	13	6	-	29	4
Accommodation and food service activities	22	11	7	-	14	1
Information and communication	161	59	53	3	96	9
Financial and insurance activities	59	36	16	-	41	2
Real estate activities	6	2	3	-	3	-
Professional, scientific and technical activities	730	375	410	71	218	31
Administrative and support service activities	22	12	4	-	17	1
Public administration and defence; compulsory social security	344	207	72	8	254	10
Education	1 973	1 128	1 098	211	610	54
Human health and social work activities	892	584	147	8	716	21
Arts, entertainment and recreation	110	64	16	3	90	1
Other service activities	100	46	19	1	74	6
Activities of extraterritorial organisations and bodies	12	7	-	1	11	-
Unemployed	156	81	-	-	139	17

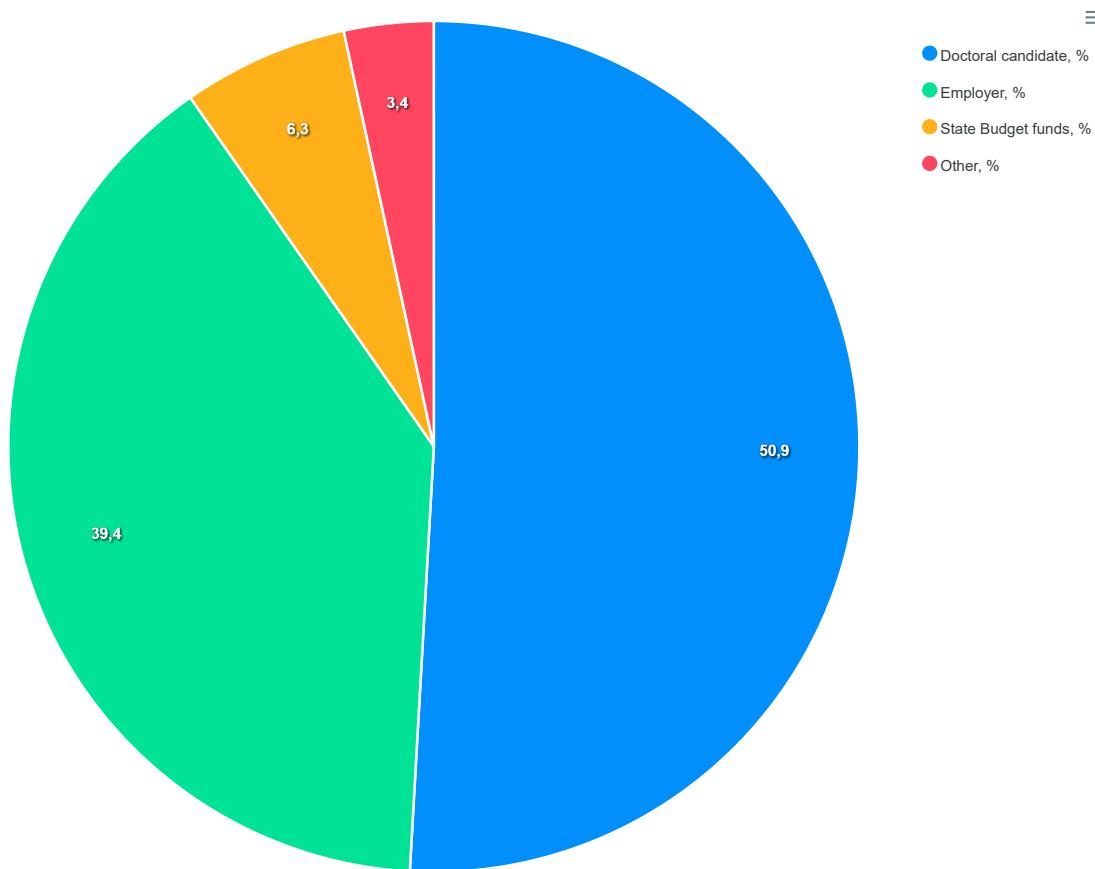
**G-1 STUDENTS ENROLLED ON DOCTORAL STUDIES, BY SCIENTIFIC, INTERDISCIPLINARY AND ARTISTIC FIELD OF STUDY,
2024/2025 ACADEMIC YEAR**



G-2 STUDENTS ENROLLED ON DOCTORAL STUDIES, BY AGE GROUPS AND BY SEX, 2024/2025 ACADEMIC YEAR



G-3 STUDENTS ENROLLED ON DOCTORAL STUDIES, BY WAY OF PAYING FOR DOCTORAL STUDY, 2024/2025 ACADEMIC YEAR



NOTES ON METHODOLOGY

Data source

The data are the result of the annual statistical analysis of the Registration Sheets for Doctoral Candidates Enrolled on Doctoral Study (ŠV-40 form) filled in by doctoral candidates upon enrolment on doctoral study.

Coverage and comparability

This statistical survey includes all doctoral candidates who enrolled on any year of doctoral study in the 2024/2025 academic year. The data are comparable to those from previous years.

Definitions and explanations

Institution of higher education is any institution of higher education authorised to organise and implement courses of study as well as scientific research, highly professional or artistic work. The institutions of higher education are universities, faculties, art academies and polytechnics. The institutions of higher education may be public and private.

Doctoral study can be enrolled on after the completion of a graduate university study, university integrated undergraduate and graduate study or university professional study, and it lasts for three years, in accordance with the Act on Higher Education and Scientific Activity (NN, No. 119/22).

Doctoral study programmes are classified according to the Ordinance on Scientific and Interdisciplinary Areas, Fields and Branches and Artistic Area, Fields and Branches (NN, No. 3/24).

Abbreviations

NN Narodne novine, official gazette of the Republic of Croatia

Symbols

- no occurrence

Published by the Croatian Bureau of Statistics, Zagreb, Ilica 3, P. O. B. 80

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