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UNIVERSITY SPECIALISTS, 2022

According to the data of the Croatian Bureau of Statistics, 493 university specialists obtained their degree in 2022. The share of women in that number amounted to 324, that is, 65.7%.

More women than men among university specialists

Out of the total number of university specialists, 57.7% completed a postgraduate specialist study at the University of Zagreb, 16.4% at the University of Rijeka, 15.0% at the University of Split, 8.3% at the University of Osijek, 1.0% at the University North, Koprivnica, 0.8% at the Libertas International University, 0.4% at the University of Pula – Pola, 0.2% (each) at the University of Zadar and at the University of Slavonski Brod.

The highest share of female university specialists obtained their degree at the University of Zadar and at the Libertas International University, Zagreb (100.0%), followed by the University of Osijek (80.5%), University North, Koprivnica (80.0%), University of Split (66.2%), University of Zagreb (64.4%), and University of Rijeka (61.7%). There were no female university specialists at the University of Pula – Pola and University of Slavonski Brod.

Biomedicine and health – the most often chosen field of specialist theses

In 2022, the greatest number of specialist theses was written in the field of Biomedicine and health (47.9%), followed by Social sciences (35.9%), Engineering (8.3%), Interdisciplinary fields of science (5.1%), Biotechnical sciences (1.2%), Artistic field (1.0%), Humanities (0.4%), and Natural sciences (0.2%).

The largest number of university specialists in the 30 to 34 age group

Regarding age, the largest number of all university specialists was classified in the 30 – 34 age group (34.9%) and the smallest one in the up-to-29 age group (6.9%). There were 27.2% of university specialists in the 35 – 39 age group, 15.4% in the 40 – 44 age group, 7.9% in the 45 – 49 age group and 7.7% in the 50-and-over age group.

Out of the total number of university specialists, 93.9% of them had previously graduated in the Republic of Croatia and 6.1% outside the Republic of Croatia.

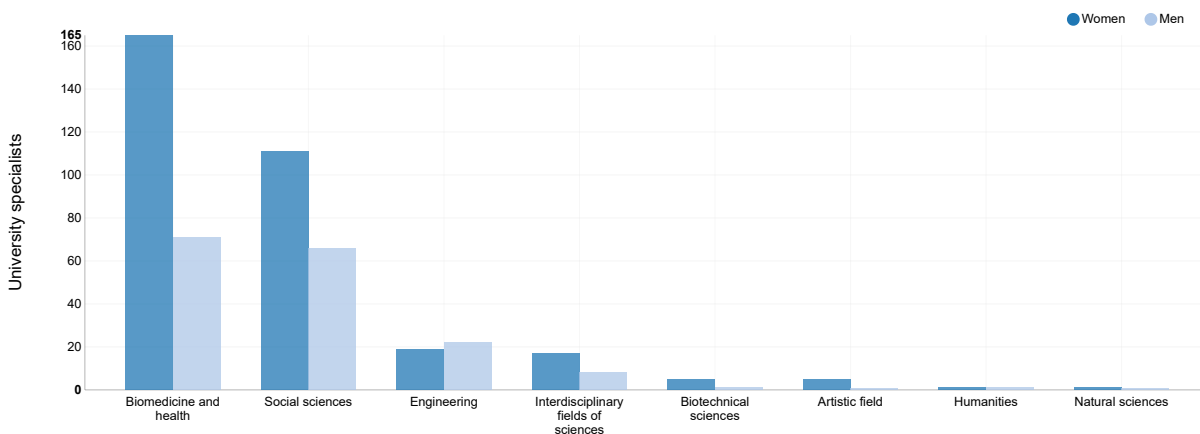
The largest number of university specialists employed in Human health and social work activities

The largest number of university specialists were employed in Human health and social work activities (41.2%), followed by Public administration and defence; compulsory social security (15.2%), Professional, scientific and technical activities (9.7%), Education (7.1%), Wholesale and retail trade; repair of motor vehicles and motorcycles, as well as in Financial and insurance activities (5.5% each), Manufacturing (4.1%) and Electricity, gas, steam and air conditioning (2.2%). There were 8.5% of university specialists employed in other activities, while 1.0% were unemployed.

The costs of studies mostly paid by employers

Regarding the costs of postgraduate university studies leading to a university specialist, 60.3% of them were paid by employers, 38.3% by university specialists themselves, while the costs of 1.4% belonged to the category Other.

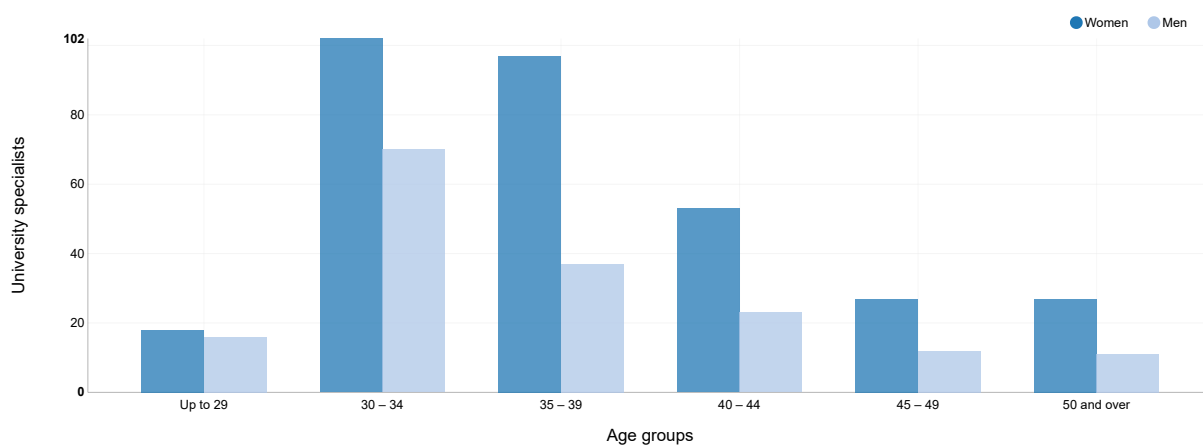
G-1 UNIVERSITY SPECIALISTS, BY SCIENTIFIC AND ARTISTIC FIELDS OF THEIR SPECIALIST THESES AND BY SEX, 2022



1 UNIVERSITY SPECIALISTS, BY UNIVERSITY AND SCIENTIFIC AND ARTISTIC FIELDS OF THEIR SPECIALIST THESES, 2022

	Total	Women	Scientific and artistic field of specialist thesis							
			Natural sciences	Engineering	Biomedicine and health	Biotechnical sciences	Social sciences	Humanities	Artistic field	Interdisciplinary fields of sciences
Total	493	324	1	41	236	6	177	2	5	25
University of Osijek	41	33	-	-	17	3	17	-	4	-
University of Pula – Pola	2	-	-	-	-	-	2	-	-	-
University of Rijeka	81	50	-	-	40	-	41	-	-	-
University of Slavonski Brod	1	-	-	1	-	-	-	-	-	-
University of Split	74	49	-	-	65	-	9	-	-	-
University of Zadar	1	1	-	-	-	-	1	-	-	-
University of Zagreb	284	183	1	40	110	3	102	2	1	25
Libertas International University, Zagreb	4	4	-	-	4	-	-	-	-	-
University North, Koprivnica	5	4	-	-	-	-	5	-	-	-

G-2 UNIVERSITY SPECIALISTS, BY AGE GROUPS AND SEX, 2022



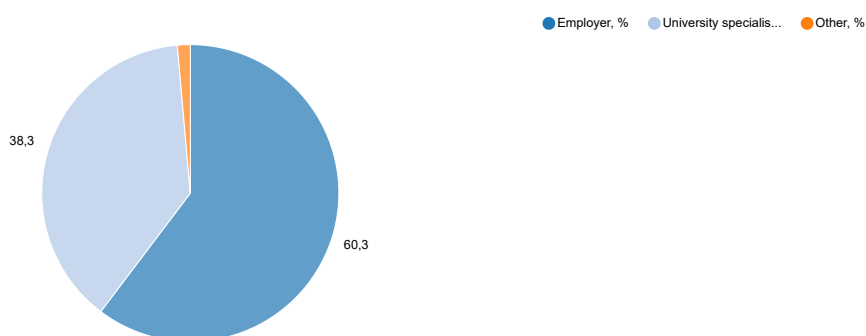
2 UNIVERSITY SPECIALISTS, BY SCIENTIFIC AND ARTISTIC FIELDS OF THEIR SPECIALIST THESES, AGE GROUPS AND SEX, 2022

	Total		Age groups					
	All	Women	Up to 29	30 – 34	35 – 39	40 – 44	45 – 49	50 and over
Total	493	324	34	172	134	76	39	38
Natural sciences	1	1	-	1	-	-	-	-
Mathematics	1	1	-	1	-	-	-	-
Engineering	41	19	3	14	14	3	4	3
Architecture and town planning	4	4	-	1	1	-	1	1
Electrical engineering	8	2	1	4	2	-	1	-
Geodesy	1	-	-	-	1	-	-	-
Civil engineering	5	2	1	1	1	-	1	1
Computer science	4	1	-	1	3	-	-	-
Mechanical engineering	2	-	-	1	-	-	-	1
Technology of transport and traffic	3	1	-	-	2	1	-	-
Interdisciplinary engineering sciences	14	9	1	6	4	2	1	-
Biomedicine and health	236	165	15	105	60	28	13	15
Basic medical sciences	6	5	-	-	4	2	-	-
Clinical medicine	119	78	4	72	32	7	2	2
Public health and health care	17	15	2	3	2	4	4	2
Veterinary medicine	27	16	5	8	6	5	1	2
Dental medicine	31	18	1	10	7	6	2	5
Pharmacy	36	33	3	12	9	4	4	4
Biotechnical sciences	6	5	1	-	2	2	-	1
Agronomy	1	1	1	-	-	-	-	-
Forestry	1	-	-	-	-	1	-	-
Food technology	1	1	-	-	1	-	-	-
Nutrition	3	3	-	-	1	1	-	1
Social sciences	177	111	14	44	45	37	20	17
Economics	97	61	7	21	28	19	12	10
Law	15	10	1	3	1	5	1	4
Political science	26	9	4	11	5	4	2	-
Information and communication sciences	8	6	2	3	-	2	-	1
Psychology	8	7	-	2	4	2	-	-
Pedagogy	2	2	-	-	1	-	-	1
Education and rehabilitation sciences	5	5	-	1	3	1	-	-
Social work	7	6	-	-	3	1	2	1
Security and defence	4	-	-	1	-	1	2	-
Interdisciplinary social sciences	5	5	-	2	-	2	1	-
Humanities	2	1	1	1	-	-	-	-
Linguistics	2	1	1	1	-	-	-	-
Artistic field	5	5	-	2	2	-	-	1
Music arts	1	1	-	1	-	-	-	-
Interdisciplinary artistic field	4	4	-	1	2	-	-	1
Interdisciplinary fields of science	25	17	-	5	11	6	2	1
Educational sciences	4	3	-	1	1	-	1	1
Project Management	1	-	-	-	1	-	-	-
Other interdisciplinary fields	20	14	-	4	9	6	1	-

3 UNIVERSITY SPECIALISTS, BY UNIVERSITY AT WHICH THEY ATTAINED THEIR TITLES, BY COUNTRY IN WHICH THEY GRADUATED AND BY SEX, 2022

	Total		University								
	All	Women	Osijek	Pula – Pola	Rijeka	North	Slavonski Brod	Split	Zadar	Zagreb	Libertas
Total	493	324	41	2	81	5	1	74	1	284	4
Graduated in Republic of Croatia	463	304	37	2	76	5	1	72	-	266	4
Graduated outside Republic of Croatia	30	20	4	-	5	-	-	2	1	18	-
Bosnia and Herzegovina	13	7	-	-	2	-	-	2	1	8	-
Italy	2	2	1	-	1	-	-	-	-	-	-
North Macedonia	2	1	2	-	-	-	-	-	-	-	-
Peru	2	1	-	-	-	-	-	-	-	2	-
Russian Federation	1	1	-	-	-	-	-	-	-	1	-
Slovakia	1	1	-	-	1	-	-	-	-	-	-
Slovenia	3	2	-	-	1	-	-	-	-	2	-
Serbia	6	5	1	-	-	-	-	-	-	5	-

G-3 UNIVERSITY SPECIALISTS, BY WAY OF PAYING FOR POSTGRADUATE STUDY, 2022



4 UNIVERSITY SPECIALISTS, BY ACTIVITY OF EMPLOYMENT, BY WAY OF PAYING FOR POSTGRADUATE STUDY AND BY SEX, 2022

	Total		Way of paying for postgraduate study		
	All	Women	Employer	Themselves	Other
Total	493	324	297	189	7
Employees	488	319	297	185	6
Agriculture, forestry and fishing	2	1	1	1	-
Manufacturing	20	9	10	9	1
Electricity, gas, steam and air conditioning supply	11	5	9	2	-
Water supply; sewerage, waste management and remediation activities	6	5	3	3	-
Construction	3	2	2	1	-
Wholesale and retail trade; repair of motor vehicles and motorcycles	27	21	15	12	-
Transportation and storage	5	2	3	2	-
Accommodation and food service activities	4	3	1	2	1
Information and communication	10	6	6	4	-
Financial and insurance activities	27	16	21	6	-
Professional, scientific and technical activities	48	28	26	22	-
Administrative and support service activities	2	2	-	2	-
Public administration and defence; compulsory social security	75	41	27	47	1
Education	35	30	8	26	1
Human health and social work activities	203	140	164	38	1
Arts, entertainment and recreation	4	3	1	3	-
Other service activities	5	4	-	4	1
Activities of extraterritorial organizations	1	1	-	1	-
Unemployed	5	5	-	4	1

NOTES ON METHODOLOGY

Sources and methods of data collection

The data were obtained by the annual collection and processing of the Statistical Sheets for University Specialists (ŠV-80 form), which are filled in by university specialists in the course of attaining this title.

Coverage and comparability

The statistical survey covers institutions of higher education in the Republic of Croatia that establish and carry out university postgraduate specialist study according to the Act on Scientific Activity and Higher Education (NN, Nos 123/03, 198/03, 105/04, 174/04, 02/07, 46/07, 45/09, 63/11, 94/13, 139/13, 101/14, 60/15 and 131/17).

Data are comparable to data from previous years.

Definitions and explanations

Institution of higher education is every institution providing higher education and authorised to establish and carry out a study as well as scientific highly qualified or artistic work. Institutions of higher education are divided to: university and adjoining faculties and art academies, polytechnic and school of higher education. Institutions of higher education may be public and private.

Interdisciplinary studies cover many different scientific fields. They are conducted in cooperation by institutions of higher education and institutes.

Postgraduate specialist study can be enrolled after the completion of a graduate university study.

University specialist title for a particular area (Univ. Spec.) is a person who completed a postgraduate specialist study, prepared a final work and/or passed an appropriate final exam (ISCED, level 7). In exceptional cases, persons who completed a postgraduate specialist study in medicine, dental medicine and veterinary medicine attain the title of a university master with an indication of the area in question. in accordance with the name of the specialist study programme classified according to the Ordinance on Scientific and Artistic Areas, Fields and Branches (NN, Nos 118/09, 82/12, 32/13, and 34/16).

Abbreviations

ISCED International Standard Classification of Education
 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

Phone: (+385 1) 48 06 111
 Press corner: press@dzs.hr

Persons responsible:
 Dubravka Rogić Hadžalić, Director of Demographic and Social Statistics Directorate
 Lidija Brković, Director General

Prepared by:
Danijela Kurjaković, Josipa Jurić and Dina Lisica

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Customer Relations and Data Protection Department

Information and user requests
Phone: (+385 1) 48 06 138, 48 06 154
E-mail: stat.info@dzs.hr

Subscription
Phone: (+385 1) 48 06 115
E-mail: prodaja@dzs.hr