## First Release

## STUDENTS ENROLLED ON PROFESSIONAL AND UNIVERSITY STUDY, WINTER SEMESTER OF 2021/2022 ACADEMIC YEAR

According to the collected data in the winter semester of the 2021/2022 academic year, a total of 154894 students enrolled in the institutions of higher education in the Republic of Croatia. The share of female students was 89270 ( $57.6 \%$ ).

Out of the total number of students enrolled in institutions of higher education, $81.3 \%$ enrolled in faculties, $13.0 \%$ in polytechnics, $3.9 \%$ in schools of professional higher education and $1.8 \%$ in art academies.

## There were more female students among enrolled students

The largest number of female students enrolled in faculties and art academies. Thus, $53.3 \%$ of them attended professional studies on faculties and $61.1 \%$ attended university studies on faculties, while $66.3 \%$ of them attended art academies.

## The most full-time students were enrolled in art academies

There were $72.6 \%$ of full-time and $27.4 \%$ of part-time students enrolled. The largest number of full-time students was enrolled in art academies (92.6\%),
In the winter semester of the 2021/2022 academic year, $99.9 \%$ out of the total number of students followed the Bologna programme. Less than $0.1 \%$ of students were enrolled in a short-term professional study, $24.6 \%$ in an undergraduate professional study, $4.9 \%$ in a specialist graduate professional study, $34.2 \%$ in an undergraduate university study, $18.8 \%$ in a graduate university study and $17.3 \%$ of them were enrolled in an integrated undergraduate and graduate study. There were still $0.1 \%$ of students attending an undergraduate university study who followed the pre-Bologna programme.

## The field of Social sciences was the most often chosen field of study

Regarding the scientific and artistic fields of studies, the most often chosen was the field of Social sciences (43.1\%), followed by Engineering ( $26.0 \%$ ), Biomedicine and health (12.2\%), Humanities (6.3\%), Biotechnical sciences (4.6\%), Natural sciences (3.8\%), Artistic field (2.1\%) and Interdisciplinary fields of science (1.9\%).

1 STUDENTS ENROLLED IN INSTITUTIONS OF HIGHER EDUCATION, BY TYPE OF INSTITUTION, YEARS AND MODE OF STUDY, 2021/2022 ACADEMIC YEAR

|  | Mode of study | Total | $1^{\text {st }}$ year | $2^{\text {nd }}$ year | $3^{\text {rd }}$ year | $4^{\text {th }}$ year | $5^{\text {th }}$ year | $6^{\text {th }}$ year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Institutions of higher education | All | 154894 | 55511 | 50091 | 36957 | 5855 | 5425 | 1055 |
|  | Full-time | 112444 | 42665 | 36042 | 24145 | 4356 | 4231 | 1005 |
| Schools of professional higher education | All | 6045 | 2096 | 1746 | 1808 | 395 | - |  |
|  | Full-time | 3555 | 1386 | 945 | 842 | 382 | - |  |
| Polytechnics | All | 20191 | 6648 | 6406 | 7137 | - | - |  |
|  | Full-time | 9184 | 3244 | 2650 | 3290 | - | - |  |
| Faculties | All | 125910 | 45866 | 40993 | 27434 | 5326 | 5236 | 1055 |
|  | Full-time | 97161 | 37205 | 31592 | 19474 | 3843 | 4042 | 1005 |
| Professional study | All | 19598 | 7022 | 6352 | 6181 | 43 | - |  |
|  | Full-time | 9992 | 4266 | 3210 | 2483 | 33 | - |  |
| University study | All | 106312 | 38844 | 34641 | 21253 | 5283 | 5236 | 1055 |
|  | Full-time | 87169 | 32939 | 28382 | 16991 | 3810 | 4042 | 1005 |
| Art academies | All | 2748 | 901 | 946 | 578 | 134 | 189 |  |
|  | Full-time | 2544 | 830 | 855 | 539 | 131 | 189 | - |



2 STUDENTS ENROLLED IN INSTITUTIONS OF HIGHER EDUCATION, BY TYPE OF STUDY, YEARS OF STUDY AND SEX, 2021/2022 ACADEMIC YEAR

|  | Sex | Total | $1^{\text {st }}$ year | $2^{\text {nd }}$ year | $3{ }^{\text {rd }}$ year | $4^{\text {th }}$ year | $5^{\text {th }}$ year | $6^{\text {th }}$ year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Institutions of higher education | All | 154894 | 55511 | 50091 | 36957 | 5855 | 5425 | 1055 |
|  | Male students | 65624 | 24385 | 21010 | 16079 | 1985 | 1828 | 337 |
|  | Female students | 89270 | 31126 | 29081 | 20878 | 3870 | 3597 | 718 |
| According to pre-Bologna programme | All | 58 | 17 | 6 | 13 | 12 | 10 |  |
|  | Male students | 48 | 13 | 6 | 9 | 12 | 8 | - |
|  | Female students | 10 | 4 | - | 4 | - | 2 | - |
| Undergraduate university study | All | 58 | 17 | 6 | 13 | 12 | 10 | - |
|  | Male students | 48 | 13 | 6 | 9 | 12 | 8 | - |
|  | Female students | 10 | 4 | - | 4 | - | 2 | - |
| According to Bologna programme | All | 154836 | 55494 | 50085 | 36944 | 5843 | 5415 | 1055 |
|  | Male students | 65576 | 24372 | 21004 | 16070 | 1973 | 1820 | 337 |
|  | Female students | 89260 | 31122 | 29081 | 20874 | 3870 | 3595 | 718 |
| Professional short-term study | All | 8 | 3 | 5 | - | - | - |  |
|  | Male students | 7 | 3 | 4 | - | - | - | - |
|  | Female students | 1 | - | 1 | - | - | - | - |
| Undergraduate professional study | All | 38182 | 12637 | 9981 | 15126 | 438 | - | - |
|  | Male students | 19752 | 6913 | 4944 | 7647 | 248 |  | - |
|  | Female students | 18430 | 5724 | 5037 | 7479 | 190 |  |  |
| Specialist graduate professional study | All | 7644 | 3126 | 4518 | - | - |  | - |
|  | Male students | 3607 | 1438 | 2169 | - | - |  | - |
|  | Female students | 4037 | 1688 | 2349 | - | - | - | - |
| Undergraduate university study | All | 53080 | 20099 | 14997 | 17073 | 911 | - | - |
|  | Male students | 22409 | 8985 | 6242 | 6835 | 347 | - | - |
|  | Female students | 30671 | 11114 | 8755 | 10238 | 564 | - | - |
| Graduate university study | All | 29122 | 13267 | 15855 | - | - | - | - |
|  | Male students | 10991 | 4881 | 6110 | - | - | - | - |
|  | Female students | 18131 | 8386 | 9745 | - | - | - | - |
| Integrated undergraduate and graduate study | All | 26800 | 6362 | 4729 | 4745 | 4494 | 5415 | 1055 |
|  | Male students | 8810 | 2152 | 1535 | 1588 | 1378 | 1820 | 337 |
|  | Female students | 17990 | 4210 | 3194 | 3157 | 3116 | 3595 | 718 |

## G-2 STUDENTS ENROLLED IN INSTITUTIONS OF HIGHER EDUCATION, BY TYPE OF STUDY, 2021/2022 ACADEMIC YEAR



3 STUDENTS ENROLLED IN INSTITUTIONS OF HIGHER EDUCATION, BY GROUPS OF INSTITUTIONS, TYPE OF STUDY AND SEX, 2021/2022 ACADEMIC YEAR

|  | Sex | Total | Schools of professional higher education | Polytechnics | Faculties |  |  | Art academies |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Total | Professional study | University study |  |
| Institutions of higher education | All | 154894 | 6045 | 20191 | 125910 | 19598 | 106312 | 2748 |
|  | Male students | 65624 | 3508 | 10712 | 50479 | 9146 | 41333 | 925 |
|  | Female students | 89270 | 2537 | 9479 | 75431 | 10452 | 64979 | 1823 |
| According to pre-Bologna programme | All | 58 | - | - | 58 | - | 58 | - |
|  | Male students | 48 | - | - | 48 | - | 48 | - |
|  | Female students | 10 | - | - | 10 | - | 10 |  |
| Undergraduate university study | All | 58 | - | - | 58 | - | 58 | - |
|  | Male students | 48 | - | - | 48 | - | 48 | - |
|  | Female students | 10 | - |  | 10 | - | 10 | - |
| According to Bologna programme | All | 154836 | 6045 | 20191 | 125852 | 19598 | 106254 | 2748 |
|  | Male students | 65576 | 3508 | 10712 | 50431 | 9146 | 41285 | 925 |
|  | Female students | 89260 | 2537 | 9479 | 75421 | 10452 | 64969 | 1823 |
| Professional short-term study | All | 8 | - | - | 8 | 8 | - | - |
|  | Male students | 7 | - | - | 7 | 7 | - | - |
|  | Female students | 1 | - | - | 1 | 1 | - | - |
| Undergraduate professional study | All | 38182 | 5014 | 16624 | 16544 | 16544 | - | - |
|  | Male students | 19752 | 3003 | 8761 | 7988 | 7988 | - | - |
|  | Female students | 18430 | 2011 | 7863 | 8556 | 8556 | - |  |
| Specialist graduate professional study | All | 7644 | 1031 | 3567 | 3046 | 3046 | - | - |
|  | Male students | 3607 | 505 | 1951 | 1151 | 1151 | - | - |
|  | Female students | 4037 | 526 | 1616 | 1895 | 1895 | - | - |
| Undergraduate university study | All | 53080 | - | - | 51803 | - | 51803 | 1277 |
|  | Male students | 22409 | - | - | 22043 | - | 22043 | 366 |
|  | Female students | 30671 | - | - | 29760 | - | 29760 | 911 |
| Graduate university study | All | 29122 | - | - | 28301 | - | 28301 | 821 |
|  | Male students | 10991 | - | - | 10700 | - | 10700 | 291 |
|  | Female students | 18131 | - | - | 17601 | - | 17601 | 530 |
| Integrated undergraduate and graduate study | All | 26800 | - | - | 26150 | - | 26150 | 650 |
|  | Male students | 8810 | - | - | 8542 | - | 8542 | 268 |
|  | Female students | 17990 | - | - | 17608 | - | 17608 | 382 |

G-3 STUDENTS ENROLLED IN INSTITUTIONS OF HIGHER EDUCATION, BY TYPE OF INSTITUTION, 2021/2022 ACADEMIC YEAR


4 STUDENTS ENROLLED IN INSTITUTIONS OF HIGHER EDUCATION, BY SCENTIFIC AND ARTISTIC FIELDS OF STUDY AND SEX, 2021/2022 ACADEMIC YEAR

|  | Scientific and artistic field of study |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | All | Natural sciences | Engineering | Biomedicine and health | Biotechnical sciences | Social sciences | Humanities | Artistic field | Interdisciplinary fields of science |
| Total | 154894 | 5861 | 40347 | 18959 | 7110 | 66685 | 9782 | 3269 | 2881 |
| Female students | 89270 | 3794 | 11675 | 14120 | 4346 | 43960 | 7122 | 2080 | 2173 |
| Schools of higher professional education | 6045 | - | 1630 | 147 | 310 | 3658 | 49 | 238 | 13 |
| Female students | 2537 | - | 267 | 94 | 149 | 1857 | 19 | 143 | 8 |
| Polytechnics | 20191 | - | 7877 | 5171 | 621 | 6343 | - | - | 179 |
| Female students | 9479 | - | 1650 | 3889 | 311 | 3542 | - | - | 87 |
| Faculties | 125910 | 5861 | 30840 | 13641 | 6179 | 56645 | 9683 | 689 | 2372 |
| Female students | 75431 | 3794 | 9758 | 10137 | 3886 | 38532 | 7062 | 429 | 1833 |
| Professional study | 19598 | - | 4919 | 1871 | 361 | 12312 | 8 | 127 |  |
| Female students | 10452 | - | 1153 | 1457 | 197 | 7583 | 7 | 55 |  |
| University study | 106312 | 5861 | 25921 | 11770 | 5818 | 44333 | 9675 | 562 | 2372 |
| Female students | 64979 | 3794 | 8605 | 8680 | 3689 | 30949 | 7055 | 374 | 1833 |
| Art academies | 2748 | - | - | - | - | 39 | 50 | 2342 | 317 |
| Female students | 1823 | - | - | - | - | 29 | 41 | 1508 | 245 |

G-4 STUDENTS ENROLLED IN INSTITUTIONS OF HIGHER EDUCATION, BY SCIENTIFIC AND ARTISTIC FIELDS OF STUDY AND SEX, 2021/2022 ACADEMIC YEAR


## NOTES ON METHODOLOGY

## Sources and methods of data collection

The data are the result of the annual data processing on students enrolled in institutions of higher education in the Republic of Croatia in the winter semester of the 2021/2022 academic year. The data are collected through a questionnaire entitled the Registration Sheet for the Enrolment of Students on Professional and University Study (ŠV-20 form), which is filled in by students in the process of enrolment in all years of professional or university study in either paper or electronic format. The majority of the institutions of higher education submit their data electronically from the Information system of institutions of higher education of the University Computing Centre or on their own.

## Coverage and comparability

The statistical survey covers students enrolled in institutions of higher education on the territory of the Republic of Croatia in winter semester. It includes students who enrolled according to the Bologna programme in line with the Scientific Activity and Higher Education Act (NN, Nos 123/03, 198/03, 105/04, 174/04, 02/07, 46/07, 45/09, 63/11, 139/13, $101 / 14,60 / 15$ and 131/17) as well as those who continued their studies according to the pre-Bologna programme. Data are comparable to those from previous years.

## Definitions and explanations

Students are persons enrolled in institutions of higher education. There are full-time and part-time students. Full-time students are those who study according to a programme based on a full-time teaching schedule. Part-time students are those who participate in the educational programme while they work or perform some other activity requiring a specific programme and methods of performing studies in line with an operational teaching plan.

Studies are organised by study programmes and classified according to the Ordinance of Scientific and Artistic Areas, Fields and Branches (NN, Nos $118 / 09,82 / 12,32 / 13$ and 34/16)

Institutions of higher education are universities with faculties and academies of art as their principle components, polytechnics and schools of higher education.
Institutions of higher education can be public and private.
University is an institution that establishes and conducts university and interdisciplinary studies in at least two areas of scientific or artistic activity in a number of fields, as an autonomous and integrated process, indirectly or through its faculties, art academies and departments.

University comprises faculties, art academies, departments and institutes and other units according to the Law
Professional studies can also be taught at universities and their component parts.
Faculty is an institution of higher education, a component part of a university, where university studies are organised and conducted, and where scientific and professional work in one or more scientific or professional fields is developed. Professional studies can also be conducted there.

Art academy is an institution of higher education, a component part of a university, where artistic studies are organised and conducted, and where top artistic endeavours and scientific activity in the field of art are nourished. Professional studies can also be conducted there.

University department is a component part of a university where study programmes are conducted, and where scientific, artistic or professional work in a particular field of science or an interdisciplinary area is developed.

Polytechnic and school of professional higher education is an institution that establishes and conducts professional courses. Polytechnic is a school of higher education that conducts at least three different studies in at least three different fields and cannot have schools of professional higher education as its component parts.

University study prepares students for performing work in science and higher education, in business, public sector and society in general and also prepares them for the development and application of scientific and professional findings. University studies are organised and conducted at universities.

University education is comprised of undergraduate, graduate and postgraduate studies. In accordance with the European Credit Transfer and Accumulation System (ECTS), 60 ECTS credits should be accrued during the course of one academic year

An undergraduate university study, which normally lasts for three to four years and during which students earn 180 to 240 ECTS credits, enables students to continue their studies at a graduate university study or to enter the labour market

A graduate university study normally lasts for one to two years and students earn 60 to 120 ECTS credits during the course of their study. The total number of credits earned at an undergraduate and graduate study is at least 300 ECTS credits

Professional study provides students with an adequate level of knowledge and skills that enables the performance of professional occupations and prepares them for the direct entry into the labour market. Professional studies are conducted at schools of professional higher education or at polytechnics, but can also be conducted at universities.

A professional study (professional short-term study and undergraduate professional study) lasts two to three years and students earn 120 to 180 ECTS credits during the course of their study. Exceptionally, professional study may last up to four years and students earn up to 240 ECTS credits during its course.

Polytechnics or schools of professional higher education can organise a specialist graduate professional study lasting one to two years for persons who completed a professional study or an undergraduate university study. Upon the completion of a specialist graduate professional study lasting one to two years, students earn 60 to 120 ECTS credits.

Academic year starts on 1 October of the current year and ends on 30 September of the following calendar year

## Abbreviations

ECTS European Credit Transfer and Accumulation System
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<br>Phone: (+385 1) 4806111<br>Press corner: press@dzs.hr<br>Persons responsible:<br>Dubravka Rogić Hadžalić, Director of Demographic and Social Statistics Directorate<br>Lidija Brković, Director General<br>Prepared by:<br>Josipa Jurić and Danijela Kurjaković

Information and user requests
Phone: (+385 1) 4806 138, 4806154
E-mail: stat.info@dzs.hr
Subsription
Phone: (+385 1) 4806115
E-mail: prodaja@dzs.hr

