

SAOPĆENJE PRIOPĆENJE FIRST RELEASE



B O S N A I H E R C E G O V I N A
FEDERACIJA BOSNE I HERCEGOVINE
FEDERALNI ZAVOD ZA STATISTIKU

B O S N I A A N D H E R Z E G O V I N A
FEDERATION OF BOSNIA AND HERZEGOVINA
INSTITUTE FOR STATISTICS OF FB&H

GODINA / YEAR V

SARAJEVO, 15. 02. 2016.

BROJ / NUMBER: 12.4

Molimo korisnike da prilikom korišćenja podataka navedu izvor
Those using data from this issue are requested to state the source

VISOKO OBRAZOVANJE U FEDERACIJI BOSNE I HERCEGOVINE U 2015./2016.

HIGHER EDUCATION IN FEDERATION OF BOSNIA AND HERZEGOVINA 2015/2016

U 2015 godini diplomiralo je 11581 studenata, što je za 5,20% /602/ manje u odnosu na 2014.godinu. Broj redovnih studenata koji su diplomirali je 8891 ili 76,77%, 2511 ili 21,68% su vanredni, a 179 ili 1,55% je broj studenata koji su diplomirali na daljinu. Broj diplomiranih žena je 7088 ili 61,20%.

In 2015, 11581 students graduated. When comparing to the year 2014, this was 5,20% / 602/ less. The number of graduated full-time students was 8891 or 76,77%, 2511 or 21,68% were part-time students and the number of students who graduated at distance learning was 179 or 1,55% . The number of female students was 7088 or 61,20%.

U školskoj 2015./2016. godini na visokoškolskim ustanovama zaposleno je 6395 nastavnika i suradnika. Izraženo ekvivalentom pune zaposlenosti broj nastavnika i suradnika je 1242,96. Broj zaposlenih na neodređeno je 2862 nastavnika i suradnika, a broj zaposlenih na određeno je 3533.

In the academic year 2015/2016 year in higher education institutions, number of employ teachers and associates was 6395. Expressed in full time equivalent the number of teachers and associates was 1242,96. Number of employees for an indefinite period was 2862 teachers and associates and the number of temporary employed staff was 3533.

U odnosu na prošlu godinu, broj nastavnika i suradnika je manji za 2,13%. Udio muških nastavnika i suradnika je 55,72%, a udio ženskih nastavnika i suradnika je 44,28%.

Compared with the last year, the number of teachers and associates is less for 2,13%. The share of male teachers and associates was 55,72% and the proportion of female teachers and associates is 44,28%.

U 2015 godini magistriralo i specijaliziralo je 420 studenata, što je za 5,24% /22/ više u odnosu na prošlu godinu.

In 2015 the number of graduated MA and specializes in the 420 students, which is 5,24% /22/ more than last year.

U 2015 godini doktoriralo je 169 studenata, što je za 13,02% /22/ manje u odnosu na prošlu godinu.

In 2015 the number of graduated PhD students is 169, which is 13,02% /22/ less than last year.

TABELA 1. DIPLOMIRANI STUDENTI NA VISOKOŠKOLSKIM USTANOVAMA PREMA NAČINU STUDIRANJA

GRADUATED STUDENTS AT INSTITUTIONS OF HIGHER EDUCATION BY TYPE OF STUDES

 Prethodni rezultati
 Previous data

	Diplomirani studenti/ Graduated students		Studijski program/ The program of study							
			Redovni/ Regular		Redovni (samofinansiran je) Regular (self- financing)		Vanredni/ Part-time		Studiranje na daljinu/ Distance learning	
	Ukupno/ Total	Žene/ Females	Ukupno/ Total	Žene/ Females	Ukupno/ Total	Žene/ Females	Ukupno/ Total	Žene/ Females	Ukupn of Total	Žene/ Female s
FEDERACIJA BIH	11581	7088	6719	4167	2172	1300	2511	1521	179	100
<i>FEDERATION OF B&H</i>										
JAVNE VISOKOŠKOLSKE USTANOVE	9677	6125	5846	3702	2068	1253	1598	1074	165	96
<i>PUBLIC HIGHER EDUCATION INSTITUTIONS</i>										
PRIVATNE VISOKOŠKOLSKE USTANOVE	1520	783	743	387	78	35	685	357	14	4
<i>PRIVATE HIGHER EDUCATION INSTITUTIONS</i>										
VJERSKE VISOKOŠKOLSKE USTANOVE	77	22	44	16	6	4	27	2	-	-
<i>EDUCATION THEOLOGY</i>										
VISOKE ŠKOLE	307	158	86	62	20	8	201	88	-	-
<i>Bachelor's degree (a first degree at college or university)</i>										
SARAJEVO	4992	2936	3170	1843	1062	628	607	370	153	95
JAVNE VISOKOŠKOLSKE USTANOVE	4460	2695	2716	1632	1035	614	556	354	153	95
<i>PUBLIC HIGHER EDUCATION INSTITUTIONS</i>										
PRIVATNE VISOKOŠKOLSKE USTANOVE	455	219	410	195	21	10	24	14	-	-
<i>PRIVATE HIGHER EDUCATION INSTITUTIONS</i>										
VJERSKE VISOKOŠKOLSKE USTANOVE	77	22	44	16	6	4	27	2	-	-
<i>EDUCATION THEOLOGY</i>										
TUZLA	1681	1090	1485	971	99	63	96	55	1	1
JAVNE VISOKOŠKOLSKE USTANOVE	1643	1068	1448	950	99	63	96	55	-	-
<i>PUBLIC HIGHER EDUCATION INSTITUTIONS</i>										
PRIVATNE VISOKOŠKOLSKE USTANOVE	38	22	37	21	-	-	-	-	1	1
<i>PRIVATE HIGHER EDUCATION INSTITUTIONS</i>										
ZENICA	457	335	282	214	77	50	98	71	-	-
JAVNE VISOKOŠKOLSKE USTANOVE	457	335	282	214	77	50	98	71	-	-
<i>PUBLIC HIGHER EDUCATION INSTITUTIONS</i>										
MOSTAR	2748	1821	1112	728	828	517	796	575	12	1
JAVNE VISOKOŠKOLSKE USTANOVE	2695	1776	1095	713	826	515	762	547	12	1
<i>PUBLIC HIGHER EDUCATION INSTITUTIONS</i>										
PRIVATNE VISOKOŠKOLSKE USTANOVE	53	45	17	15	2	2	34	28	-	-
<i>PRIVATE HIGHER EDUCATION INSTITUTIONS</i>										
BIHAĆ	608	380	388	254	48	18	172	108	-	-
JAVNE VISOKOŠKOLSKE USTANOVE	422	251	305	193	31	11	86	47	-	-
<i>PUBLIC HIGHER EDUCATION INSTITUTIONS</i>										
VISOKE ŠKOLE	186	129	83	61	17	7	86	61	-	-
<i>Bachelor's degree (a first degree at college or university)</i>										
TRAVNIK	1095	526	282	157	58	24	742	342	13	3
PRIVATNE VISOKOŠKOLSKE USTANOVE	974	497	279	156	55	23	627	315	13	3
<i>PRIVATE HIGHER EDUCATION INSTITUTIONS</i>										
VISOKE ŠKOLE	121	29	3	1	3	1	115	27	-	-
<i>Bachelor's degree (a first degree at college or university)</i>										

Zelenih beretki 26, 71000 Sarajevo; Telefon/Phone: +387 33 20 64 52 , Fax: +387 33 22 61 51

 Web stranica/ Web site: fzs.ba, E-mail: fedstat@fzs.ba

TABELA 2. NASTAVNICI I SURADNICI U NASTAVI PREMA AKADEMSKOM ZVANJU, VRSTI RADNOG VREMENA I SPOLU

TEACHERS AND STAFF IN TEACHING THE ACADEMIC PROFESSION, WORKING HOURS AND SEX

Prethodni rezultati

Previous data

	Ukupno/ Total		U ekvivalentu pune zaposlenosti/ Equivalent to full employment		Zaposleni na neodređeno/ On the permanent basis				Zaposleni na određeno/ On the temporary basis			
					Ukupno/ Total		U ekvivalentu pune zaposlenosti FTE (Full time equivalent)		Ukupno/ Total		U ekvivalentu pune zaposlenosti FTE (Full time equivalent)	
	Svega All	Žene Females	Svega All	Žene Females	Svega All	Žene Females	Svega All	Žene Females	Svega All	Žene Females	Svega All	Žene Females
FEDERACIJA BIH <i>FEDERATION B&H</i>	6395	2832	1.242,96	480,97	2862	1360	91,05	25,60	3533	1472	1.151,91	455,37
Redovni profesor <i>Professor</i>	1041	280	237,27	62,96	481	130	28,90	6,90	560	150	208,37	56,06
Vanredni profesor <i>Associate Professor</i>	1161	428	190,02	62,90	617	249	18,80	5,90	544	179	171,22	57,00
Docent <i>Docent</i>	1487	704	265,03	93,49	684	368	14,70	2,25	803	336	250,33	91,24
Profesor visoke škole <i>College professor</i>	47	10	16,18	1,82	8	2	-	-	39	8	16,18	1,82
Predavač visoke škole <i>College lecturer</i>	98	46	32,25	15,75	23	11	1,75	0,75	75	35	30,50	15,00
Lektor <i>Lector</i>	36	27	1,55	1,25	24	16	-	-	12	11	1,55	1,25
Viši asistent <i>Senior Assistant</i>	1192	629	174,85	78,70	607	353	12,10	7,40	585	276	162,75	71,30
Asistent <i>Assistant</i>	809	469	204,10	116,61	305	186	7,50	1,10	504	283	196,60	115,51
Stručni saradnik <i>Associate</i>	263	110	76,41	29,79	56	16	7,30	1,30	207	94	69,11	28,49
Ostala zvanja <i>Other professions</i>	261	129	45,30	17,70	57	29	-	-	204	100	45,30	17,70

TABELA 3. MAGISTRI I SPECIJALISTI KOJI SU STEKLI ZVANJE U 2015 GODINI PREMA PODRUČJU OBRAZOVANJA I SPOLU

MASTERS OF SCIENCE AND SPECIALISED DEGREES ACCORDING TO FIELD OF SCIENCE AND GENDER, 2015.

Naziv naučne oblasti/ Name of scientific field	Prethodni rezultati Previous data													
	Federacija BIH Federation of B&H		SARAJEVO		TUZLA		ZENICA		MOSTAR		BIHAĆ		TRAVNIK	
	Svega/ All	Žene Females	Svega/ All	Žene Females	Svega/ All	Žene Females	Svega/ All	Žene Females	Svega/ All	Žene Females	Svega/ All	Žene Females	Svega/ All	Žene Females
FEDERACIJA BIH <i>FEDERATION OF B&H</i>	420	221	240	118	53	28	2	2	88	50	-	-	37	23
Opći programi <i>Basic education program</i>	37	6	22	4	-	-	-	-	15	2	-	-	-	-
Obrazovanje <i>Education</i>	44	29	6	4	5	2	-	-	33	23	-	-	-	-
Umjetnost i humanističke nauke <i>Art and Humanities science</i>	28	22	6	5	-	-	2	2	20	15	-	-	-	-
Društvene, poslovne, upravne i pravne nauke <i>Business administ. and social sci. of law</i>	122	65	63	31	20	10	-	-	15	9	-	-	24	15
Prirodne nauke matematika i računarstvo <i>Science mathematics and computing</i>	39	19	29	17	4	1	-	-	-	-	-	-	6	1
Tehnika, industrija i građevinarstvo <i>Technology, manufacturing, construction</i>	49	14	41	13	3	-	-	-	5	1	-	-	-	-
Poljoprivreda <i>Agriculture</i>	14	5	14	5	-	-	-	-	-	-	-	-	-	-
Zdravstvo i socijalna zaštita <i>Health and Social Protection</i>	84	60	57	38	20	15	-	-	-	-	-	-	7	7
Usluge <i>Services</i>	2	-	1	-	1	-	-	-	-	-	-	-	-	-
Nespecifizirano <i>Unspecified</i>	1	1	1	1	-	-	-	-	-	-	-	-	-	-

TABELA 4. DOKTORI NAUKA/ZNANOSTI KOJI SU STEKLI ZVANJE U 2015 GODINI PREMA PODRUČJU OBRAZOVANJA I SPOLU

DOCTORS OF SCIENCE ACCORDING TO FIELD OF SCIENCE AND GENDER, 2015.

Naziv naučne oblasti/ Name of scientific field	Prethodni rezultati Previous data													
	Federacija BIH Federation of B&H		SARAJEVO		TUZLA		ZENICA		MOSTAR		BIHAĆ		TRAVNIK	
	Svega/ All	Žene Females	Svega/ All	Žene Females	Svega/ All	Žene Females	Svega/ All	Žene Females	Svega/ All	Žene Females	Svega/ All	Žene Females	Svega/ All	Žene Females
FEDERACIJA BIH <i>FEDERATION OF B&H</i>	170	92	71	44	67	34	7	3	16	6	9	5	-	-
Obrazovanje <i>Education</i>	10	6	-	-	10	6	-	-	-	-	-	-	-	-
Umjetnost i humanističke nauke <i>Art and Humanities science</i>	6	4	-	-	-	-	-	-	4	2	2	2	-	-
Društvene, poslovne, upravne i pravne nauke <i>Business administration and social science of law</i>	35	19	20	12	2	1	5	3	5	2	3	1	-	-
Prirodne nauke matematika i računarstvo <i>Science mathematics and computing</i>	9	7	3	2	2	2	-	-	1	1	3	2	-	-
Tehnika, industrija i građevinarstvo <i>Technology, manufacturing, construction</i>	32	9	8	3	15	5	2	-	6	1	1	-	-	-
Poljoprivreda <i>Agriculture</i>	9	4	9	4	-	-	-	-	-	-	-	-	-	-
Zdravstvo i socijalna zaštita <i>Health and Social Protection</i>	66	41	29	21	37	20	-	-	-	-	-	-	-	-
Usluge <i>Services</i>	2	1	1	1	1	-	-	-	-	-	-	-	-	-
Nespecificirano <i>Unspecified</i>	1	1	1	1	-	-	-	-	-	-	-	-	-	-

METODOLOŠKA OBJAŠNENJA NOTES OF METHODOLOGY

METODOLOŠKA OBJAŠNENJA

EXPLANATION AND NOTE

Podaci su rezultat godišnje obrade podataka o studentima koji su upisani na visokoškolske ustanove u Federaciji Bosne i Hercegovine u zimskom semestru akademske godine 2015/2016. Podaci se prikupljaju upitnikom Prijavni list za upis studenata, (obrazac ŠV-20), a ispunjavaju ih studenti pri upisu na sve godine studija. Podaci o broju magistara, specijalista i doktora nauka prikupljaju se putem obrazaca ŠV-80 i ŠV-70. Podaci o nastavnicima temelje se na izvještaju o broju i strukturi nastavnog osoblja u zimskom semestru svake godine (obrazac ŠV-60).

Data are the result of the annual data processing on students enrolled on institutions of higher education in the Federation of Bosnia and Herzegovina in the winter semester of the 2015/2016 academic year. Data are collected through the questionnaire entitled the Registration Sheet for the Enrolment of Students (ŠV-20 form), which is filled in by students enrolled on studies. Data on number masters of science and specialised and doctors of science collected through forms ŠV-80 and ŠV-70. Data on teachers are based on the number of teaching staff at the beginning of the winter semester of each year (ŠV-60 form).

Podaci o nastavnicima visokoškolskih ustanova temelje se na izvještaju o broju i strukturi nastavnog osoblja u zimskom semestru svake školske godine.

Data on teacher in institutions of higher education are based on the number of teaching staff at the beginning of the winter semester of each year.

Podaci uključuju sve nastavnike i suradnike u nastavi koji predaju na visokoškolskim ustanovama i koji ne predstavljaju fizički broj osoba, jer nastavnik i suradnik u nastavi može predavati na dva i više fakulteta. Podaci također uključuju i nastavnike i suradnike u nastavi prikazane u ekvivalentu pune zaposlenosti/angažiranosti (FTE- full time equivalent), koji približno odgovaraju stvarnom broju fizičkih osoba, a dobiveni su kao izračun izražen jedinicom pune zaposlenosti/angažiranosti.

Data include teaching academic staff that teach at institutions of higher education and do not represent the actual number of persons since members of academic staff can teach at two or more institutions of higher education. Data also include teaching academic staff presented as a full-time equivalent (FTE) which roughly corresponds to the actual number of persons and are obtained as a calculation presented by a full-time equivalent.

Za nastavnike i suradnike koji rade s kraćim od punog radnog vremena ili su angažirani po ugovoru o djelu (manje od 90% i više od 10%) izračunava se Ekvivalent pune zaposlenosti (FTE). 1.primjer: 4 osobe zaposlene ili su angažirane ugovorom o djelu školsku godinu samo polovinu radnog vremena ($4 \times 0,5 = 2,0$) 2.primjer: 3 osobe zaposlene ili su angažirane ugovorom o djelu cijelu školsku godinu samo 20% radnog vremena ($3 \times 0,2 = 0,6$) 3.primjer: 1 osoba zaposlena ili je angažirana ugovorom o djelu 1/2 semestara puno r.v. ($1 \times 0,5 = 0,5$) 4.primjer: 2 osobe zaposlene ili su angažirane ugovorom o djelu 3 mjeseca samo 25% r.v. ($2 \times 0,25 \times 0,25 = 0,1$).

For teachers and collaborators who work with less than full-time or engaged under a contract of (less than 90% and more than 10%) is calculated in full time equivalent (FTE). 1.primjer: 4 persons employed or engaged by contract on the part of the school year only half the working hours ($4 \times 0,5 = 2,0$) 2.primjer: 3 persons employed or engaged by contract on the part of the entire academic year, only 20% of working time ($3 \times 0,2 = 0,6$) 3.primjer: 1 person employed or engaged on contract work 1 / 2 semesters full rv ($1 \times 0,5 = 0,5$) 4.primjer: 2 persons employed or engaged as a contract of 3 months only 25% rh ($2 \times 0,25 \times 0,25 = 0,1$).

Statističkim istraživanjem obuhvaćeni su svi studenti upisani u zimskom semestru na sve visokoškolske ustanove u Federaciji Bosne i Hercegovine. Prikazani su studenti koji su se upisali ili su nastavili studij prema "starom" programu i oni koji su se upisali prema Bolonjskom procesu. Istraživanjem nisu obuhvaćeni absolventi, budući da ne upisuju godinu već samo završavaju studij. Podaci su uporedivi/usporedivi s podacima iz prijašnjih godina.

The statistical survey covers all students enrolled in in the Federation of Bosnia and Herzegovina the winter semester on all institutions of higher education. It includes students who enrolled or continued their studies according to the "old" programme as well as students enrolled according to the Bologna process. The survey does not cover undergraduate ABDs, since they do not enrol but only finish their study. Data are comparable to those from previous years.

DEFINICIJE

Studenti su osobe upisane na visokoškolske ustanove, a mogu biti redovni/redoviti i vanredni/izvanredni. Redovni/ redoviti student studira na redovnom/redovitom studiju, i to uz potporu Ministarstva obrazovanja i nauke/ znanosti ili sam plaća studij. Vanredni/izvanredni student studira na vanrednom/izvanrednom studiju i sam plaća studij ili troškove studija snosi njegov poslodavac.

Visokoškolske ustanove su univerziteti/ sveučilišta, /fakultet i umjetnička akademija kao jedinice u njenom sastavu/ i visoke škole.

Univerzitet/Sveučilište je ustanova koja osniva i provodi univerzitetske/sveučilišne studije u najmanje dva naučna/ znanstvena ili umjetnička područja u većem broju polja te interdisciplinarnu studiju kao autonomni i integrirani proces, neposredno ili putem jedinica u sastavu /fakulteta, umjetničkih akademija, instituta/.

Univerzitetski/Sveučilišni studij osposobljava studente za obavljanje poslova u nauci/znanosti i visokom obrazovanju, u poslovnom svijetu, javnom sektoru i društvu općenito te ih osposobljava za razvoj i primjenu naučnih/znanstvenih i stručnih dostignuća.

Univerzitetsko/Sveučilišno obrazovanje obuhvaća dodiplomski, diplomski i poslijediplomski studij. U skladu s evropskim sistemom prenosa bodova (ECTS), jednom godinom studija se u pravilu stiče 60 ECTS bodova

Dodiplomski univerzitetski/sveučilišni studij, koji u pravilu traje tri do četiri godine i kojim se stječe od 180 do 240 ECTS bodova, osposobljava studente za diplomski studij, te im daje mogućnost zapošljavanja na određenim stručnim poslovima.

Diplomski univerzitetski/sveučilišni studij traje u pravilu jednu do dvije godine. Njime se stječe 60 do 120 ECTS bodova, te ukupan broj bodova koji se stječu na dodiplomskom i diplomskom studiju iznosi najmanje 300 ECTS bodova.

ISCED 2011 – Međunarodna standardna klasifikacija obrazovanja, koristi se po preporuci UNESCO-a, a omogućuje uporedivost podataka obrazovanja na međunarodnoj razini.

Stupnjevi/stepeni obrazovanja, koji odgovaraju u školskom sistemu Federacije Bosne i Hercegovine jesu:

DEFINITION

Students are persons enrolled on institutions of higher education. There are full-time and part-time students. A full-time student studies on regular basis either with the support of the Ministry of Education and Science, or by paying for the study himself. A part-time student studies on a part-time basis supported either by himself or by his employer.

Institutions of higher education are universities /faculty and academy of art as its component parts/ and school of higher education.

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, academies of art and departments.

University studies prepare students for performing work in science and higher education, in business, public sector and society in general and also prepares them for development and application of scientific and professional findings.

University education comprises undergraduate, graduate and postgraduate studies. In accordance with the European Credit Transfer and Accumulation System (ECTS), 60 ECTS credits measure the workload of a full-time student during one academic year.

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

Graduate university study normally lasts for one to two years and students earn 60-120 ECTS credits. A total number of credits earned at undergraduate and graduate study is at least 300 ECTS credits.

ISCED 2011 - International Standard Classification of Education - is being used as recommended by UNESCO, enabling their comparison on the international level.

The levels of education in the Federation educational System are as follows:

ISCED 0 - predškolsko obrazovanje djece od treće godine do polaska u osnovnu školu;

ISCED 0 - corresponding to pre -school education of children from the age of three to starting basic school;

ISCED 1 - niže osnovno obrazovanje od I -IV razreda prema osmogodišnjem programu; odnosno od I -V razreda prema devetogodišnjem programu obrazovanja;

ISCED 1 - primary education (first four - eight year school programme or first five - nine year school programme);

ISCED 2 - više osnovno obrazovanje od V -VIII razreda prema osmogodišnjem programu; odnosno od VI -IX razreda prema devetogodišnjem programu obrazovanja;

ISCED 2 - level secondary education (last four years of basic education);

ISCED 3 -srednje obrazovanje;

ISCED 3 - corresponding to upper secondary education;

ISCED 5 - više obrazovanje po starom načinu studiranja VI stepen.

ISCED 5 - undergraduate and postgraduate (master s degree);

ISCED 6 - VII stepen po starom programu studiranja (trajanje 4-5 godina), I ciklus po novom programu.

ISCED 6 - VII of the old program of study (duration 4-5 years), I cycle through the new program.

ISCED 7 - visoko obrazovanje po starom programu VII stepen (trajanje 5-6 godina),II ciklus "master" po novom programu i ntegrirani I i II ciklus po novom programu.

ISCED 7 - higher Education under the old program VII level (duration 5-6 years), second cycle of "master" under new programui, ntegrated I cycle and II cycle under the new program.

ISCED 8 - naučni/znanstveni stepen -doktorat.

ISCED 8 - corresponding to doctor s degree.

ZNAKOVI

- nema pojave

... neraspolaže se podatkom

* oznaka za napomenu ispod tabele

SYMBOLS

- no appearance

... no available data

* symbol for note under the table