

APPENDIX TABLE 2-36

First university degrees, by field, sex, and selected region, country, or economy: 2014 or most recent year

(Number)

Sex and region, country, or economy	All fields	All S&E fields	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	Non-S&E ^a
Male								
Asia								
Armenia (2015)	7,939	4,032	651	397	372	1,907	705	3,907
China ^b	1,662,286	NA	NA	NA	NA	NA	NA	NA
Georgia	5,563	NA	NA	NA	196	NA	778	NA
India ^c	3,086,332	1,104,457	432,586	96,984	22,432	NA	552,455	1,981,875
Indonesia (2012)	312,426	NA	NA	NA	NA	NA	NA	NA
Japan ^d	310,606	224,917	12,979	NA	9,964	125,739	76,235	85,689
Kyrgyzstan	17,422	5,725	NA	NA	263	NA	5,462	11,697
Malaysia (2015)	35,144	19,254	2,682	1,396	526	5,034	9,616	15,890
Mongolia	10,678	2,824	NA	NA	290	NA	2,534	7,854
Myanmar (2011)	41,546	NA	NA	NA	NA	NA	NA	NA
Philippines (2006)	127,492	NA	NA	NA	NA	NA	NA	NA
Singapore ^e	7,511	4,541	786	708	NA	NA	3,047	2,970
South Korea	166,648	88,783	10,369	8,739	2,558	9,547	57,570	77,865
Taiwan	109,490	61,929	5,917	8,881	2,253	3,010	41,868	47,561



Sex and region, country, or economy	All fields	All S&E fields	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	Non-S&E ^a
Middle East								
Iran (2015)	235,731	149,332	8,679	18,923	6,965	7,750	107,015	86,399
Israel	20,601	11,666	1,002	1,321	157	4,560	4,627	8,936
Jordan (2011)	26,073	4,031	233	865	465	810	1,658	22,042
Lebanon (2011)	11,373	NA	NA	NA	NA	NA	NA	NA
Palestine (2015)	11,467	3,880	239	574	148	1,218	1,701	7,587
Qatar	459	131	NA	NA	NA	NA	131	328
Saudi Arabia (2015)	58,446	19,241	4,783	2,399	223	6,497	5,339	39,205
United Arab Emirates (2015)	7,162	2,772	71	478	21	551	1,651	4,390
Africa								
Egypt (2013)	204,285	32,110	NA	NA	5,772	NA	26,338	172,175
Ethiopia (2012)	60,576	29,121	6,165	10,602	2,682	9,479	193	31,455
Ghana (2013)	25,187	3,453	NA	NA	1,246	NA	2,207	21,734
Madagascar	5,203	615	NA	NA	113	NA	502	4,588
Mozambique (2010)	585	100	NA	NA	52	NA	48	485
South Africa	33,097	14,141	3,281	1,634	807	3,528	4,891	18,956
Sudan (2012)	32,281	8,385	877	1,647	1,076	1,247	3,538	23,896
Uganda (2004)	5,532	2,299	299	31	317	1,114	538	3,233



Sex and region, country, or economy	All fields	All S&E fields	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	Non-S&E ^a
Europe								
EU								
Austria	14,909	7,601	1,110	1,236	134	1,589	3,533	7,308
Belgium	23,939	10,422	880	1,207	663	1,886	5,786	13,517
Bulgaria	16,725	8,150	247	740	325	2,371	4,467	8,575
Croatia	8,689	4,044	344	569	406	570	2,155	4,645
Cyprus	1,593	633	28	93	5	97	410	960
Czech Republic	22,040	10,588	1,160	2,258	777	1,533	4,860	11,452
Denmark	16,039	6,094	627	1,180	62	1,284	2,941	9,945
Estonia	2,523	1,323	116	279	56	145	727	1,200
Finland	13,739	7,882	337	865	302	505	5,873	5,857
France	141,501	64,723	10,678	10,332	1,425	11,525	30,763	76,778
Germany	183,396	107,498	15,312	13,071	4,747	8,003	66,365	75,899
Greece (2012)	11,907	NA	NA	NA	NA	NA	NA	NA
Hungary	15,598	8,049	705	741	430	1,337	4,836	7,549
Ireland (2012)	11,667	NA	NA	NA	NA	NA	2,551	NA
Italy	90,499	43,670	5,343	1,933	2,412	11,365	22,617	46,829
Latvia	3,120	1,456	106	250	102	281	717	1,664



Sex and region, country, or economy	All fields	All S&E fields	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	Non-S&E ^a
Lithuania	9,670	5,328	297	463	278	762	3,528	4,342
Luxembourg	255	111	14	14	0	41	42	144
Malta	975	557	83	190	6	90	188	418
Netherlands	40,210	14,328	1,070	3,221	503	3,376	6,158	25,882
Poland	94,266	45,852	3,104	7,587	1,855	8,173	25,133	48,414
Portugal	23,304	12,354	1,023	524	369	1,982	8,456	10,950
Romania	38,339	20,832	1,262	974	1,329	3,752	13,515	17,507
Slovakia	11,751	5,166	433	917	283	859	2,674	6,585
Slovenia	4,852	2,866	294	474	129	519	1,450	1,986
Spain	97,769	47,710	5,047	5,858	1,915	7,902	26,988	50,059
Sweden (2012)	14,958	NA	NA	NA	NA	NA	NA	NA
United Kingdom	195,994	102,416	34,505	14,925	1,292	21,843	29,851	93,578
Other Europe								
Albania (2015)	7,707	2,824	322	592	560	391	959	4,883
Iceland (2012)	980	NA	NA	NA	NA	NA	NA	NA
Macedonia	4,352	1,628	87	514	149	159	719	2,724
Norway	12,384	4,872	391	981	74	1,098	2,328	7,512
Russia (2012)	550,715	NA	NA	NA	NA	NA	NA	NA



Sex and region, country, or economy	All fields	All S&E fields	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	Non-S&E ^a
Switzerland	26,776	11,521	1,126	1,220	560	964	7,651	15,255
Turkey	199,856	68,831	11,579	586	5,155	22,038	29,473	131,025
Ukraine (2015)	54,420	18,906	687	1,120	1,365	2,084	13,650	35,514
America								
North America								
Canada (2013)	77,289	37,019	9,465	3,128	446	11,786	12,194	40,270
Mexico (2013)	208,393	104,700	6,062	7,553	5,711	14,014	71,360	103,693
United States	809,453	370,032	83,431	49,489	9,602	132,396	95,114	439,421
Central America and Caribbean								
Costa Rica (2015)	15,184	4,834	154	1,525	244	768	2,143	10,350
Cuba	24,475	2,925	NA	NA	1,376	NA	1,549	21,550
El Salvador	5,173	1,691	NA	NA	131	NA	1,560	3,482
Guatemala (2007)	2,065	1,082	26	*	245	181	630	983
Honduras (2013)	5,738	1,738	NA	NA	417	NA	1,321	4,000
Panama (2013)	5,216	1,053	NA	NA	59	NA	994	4,163
South America								
Argentina	29,619	4,342	2,422	NA	1,920	NA	NA	25,277
Brazil (2012)	314,140	NA	NA	NA	NA	NA	NA	NA



Sex and region, country, or economy	All fields	All S&E fields	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	Non-S&E ^a
Chile	19,509	9,042	112	2,550	289	288	5,803	10,467
Colombia (2015)	70,346	32,631	1,273	5,291	2,057	6,159	17,851	37,715
Uruguay (2010)	2,512	1,130	117	189	206	302	316	1,382
Venezuela (2009)	32,339	NA	NA	NA	NA	NA	NA	NA
Oceania								
Australia	102,660	37,232	7,181	7,594	522	6,492	15,443	65,428
New Zealand	14,082	6,034	1,169	1,436	149	1,270	2,009	8,048
Female								
Asia								
Armenia (2015)	11,763	3,801	1,008	102	299	2,270	122	7,962
China ^b	1,751,501	NA	NA	NA	NA	NA	NA	NA
Georgia	9,953	435	NA	NA	125	NA	310	9,518
India ^c	3,208,575	772,964	416,672	85,277	6,833	NA	264,182	2,435,611
Indonesia (2012)	292,009	NA	NA	NA	NA	NA	NA	NA
Japan ^d	254,967	90,895	4,849	NA	7,362	68,235	10,449	164,072
Kyrgyzstan	22,511	2,430	NA	NA	122	NA	2,308	20,081
Malaysia (2015)	62,911	23,603	4,505	1,762	902	8,655	7,779	39,308
Mongolia	18,799	2,054	NA	NA	494	NA	1,560	16,745



Sex and region, country, or economy	All fields	All S&E fields	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	Non-S&E ^a
Myanmar (2011)	76,520	NA	NA	NA	NA	NA	NA	NA
Philippines (2006)	207,379	NA	NA	NA	NA	NA	NA	NA
Singapore ^e	7,530	2,566	1,103	289	NA	NA	1,174	4,964
South Korea	162,796	45,978	9,855	2,845	1,915	11,049	20,314	116,818
Taiwan	119,272	21,465	3,491	4,813	2,503	4,528	6,130	97,807
Middle East								
Iran (2015)	214,422	96,121	21,342	16,756	8,123	16,196	33,704	118,301
Israel	30,260	12,121	1,017	562	141	8,614	1,787	18,140
Jordan (2011)	29,205	5,607	719	1,985	1,335	1,281	287	23,598
Lebanon (2011)	14,553	NA	NA	NA	NA	NA	NA	NA
Palestine (2015)	18,438	4,366	901	613	97	1,790	965	14,072
Qatar	1,203	137	NA	NA	NA	NA	137	1,066
Saudi Arabia (2015)	75,387	22,148	10,481	3,264	97	7,698	608	53,239
United Arab Emirates (2015)	9,772	3,363	202	590	21	1,550	1,000	6,409
Africa								
Egypt (2013)	209,210	13,838	NA	NA	4,228	NA	9,610	195,372
Ethiopia (2012)	19,101	6,642	936	2,579	545	2,566	16	12,459
Ghana (2013)	19,059	989	NA	NA	259	NA	730	18,070



Sex and region, country, or economy	All fields	All S&E fields	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	Non-S&E ^a
Madagascar	4,723	257	NA	NA	104	NA	153	4,466
Mozambique (2010)	437	29	NA	NA	15	NA	14	408
South Africa	52,106	18,067	4,319	1,036	869	9,628	2,215	34,039
Sudan (2012)	39,149	9,008	1,399	1,884	2,192	1,616	1,917	30,141
Uganda (2004)	4,089	1,269	109	15	48	882	215	2,820
Europe								
EU								
Austria	22,344	6,684	1,302	231	242	3,462	1,449	15,660
Belgium	37,417	7,687	676	73	873	4,486	1,579	29,730
Bulgaria	23,297	7,713	465	406	329	4,097	2,416	15,584
Croatia	12,972	2,856	546	134	476	846	854	10,116
Cyprus	2,084	599	118	54	24	215	188	1,485
Czech Republic	37,695	9,367	2,505	458	1,041	3,197	2,166	28,328
Denmark	25,195	4,322	729	357	347	1,747	1,142	20,873
Estonia	4,875	1,127	193	92	74	391	377	3,748
Finland	21,322	3,797	449	286	412	1,166	1,484	17,525
France	186,322	50,316	10,798	1,791	2,329	21,671	13,727	136,006
Germany	191,508	49,103	14,347	2,624	2,693	14,753	14,685	142,405



Sex and region, country, or economy	All fields	All S&E fields	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	Non-S&E ^a
Albania	11,609	828	NA	NA	292	NA	536	10,781
Iceland (2012)	1,848	NA	NA	NA	NA	NA	NA	NA
Macedonia	5,511	1,352	165	201	86	388	512	4,159
Norway	20,913	3,481	436	156	124	1,956	809	17,432
Russia (2012)	855,335	NA	NA	NA	NA	NA	NA	NA
Switzerland	25,629	4,401	772	116	210	2,069	1,234	21,228
Turkey	199,193	59,841	16,575	331	2,895	25,796	14,244	139,352
Ukraine (2015)	66,762	13,630	1,636	329	1,308	5,603	4,754	53,132
America								
North America								
Canada (2013)	116,166	39,921	11,560	613	646	23,825	3,277	76,245
Mexico (2013)	242,529	76,055	6,706	5,004	3,184	32,190	28,971	166,474
United States	1,081,488	371,731	93,570	11,796	10,019	231,962	24,384	709,757
Central America and Caribbean								
Costa Rica (2015)	26,362	4,000	181	495	183	2,080	1,061	22,362
Cuba	45,866	1,151	NA	NA	547	NA	604	44,715
El Salvador	7,319	640	NA	NA	60	NA	580	6,679
Guatemala (2007)	1,686	726	92	0	62	350	222	960



Sex and region, country, or economy	All fields	All S&E fields	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	Non-S&E ^a
Honduras (2013)	9,581	955	NA	NA	169	NA	786	8,626
Panama (2013)	9,968	694	NA	NA	43	NA	651	9,274
South America								
Argentina	46,794	3,617	2,264	NA	1,353	NA	NA	43,177
Brazil (2012)	547,238	NA	NA	NA	NA	NA	NA	NA
Chile	17,777	2,946	95	310	149	1,600	793	14,831
Colombia (2015)	94,058	27,054	1,423	1,719	1,347	12,252	10,313	67,004
Uruguay (2010)	4,383	1,247	185	54	120	636	252	3,136
Venezuela (2009)	65,696	NA	NA	NA	NA	NA	NA	NA
Oceania								
Australia	136,563	28,511	7,673	1,922	881	12,416	5,619	108,052
New Zealand	20,910	5,273	1,473	366	195	2,434	805	15,637

* = nil or negligible; NA = not available.

EU = European Union.

^a Includes field unknown or unspecified.

^b China data include computer sciences under engineering.

^c India data include social sciences in humanities and arts (non-S&E).

^d In data for Japan, mathematics are included in natural sciences, computer sciences are included in engineering, and business administration is included in social science. Japan data include thesis doctorates, called *ronbun hakase*, earned by employees in industry.

^e Singapore data include social sciences in humanities (non-S&E).



Note(s)

Physical and biological sciences and mathematics and statistics include biological and related sciences, environmental sciences, and physical sciences. Computer sciences include information and communication technologies. Agricultural sciences include agriculture, forestry, fisheries, and veterinary sciences. Social and behavioral sciences include social and behavioral sciences, and journalism and information. Engineering includes engineering and engineering trades, manufacturing and processing, and architecture and construction. To facilitate international comparison, data for the United States reflect the most recent classification in the International Standard Classification of Education Fields of Education and Training (ISCED-F), which varies slightly from the National Science Foundation classification of fields presented in other sections of the chapter. Data for first university degrees use ISCED 2011 level 6 (bachelor's or equivalent first degrees) and level 7 (master's or equivalent long first degrees). S&E data do not include health fields.

Source(s)

United Nations Educational, Scientific and Cultural Organization (UNESCO) Institute for Statistics database, special tabulations (2016); Organisation for Economic Co-operation and Development (OECD), OECD.Stat, <https://stats.oecd.org/>; Government of India, Ministry of Human Resource Development, Department of Higher Education, All India Survey on Higher Education 2014–15 (2016); Government of Japan, Ministry of Education, Culture, Sports, Science and Technology, Survey of Education, special tabulations (2016); Government of Singapore, Ministry of Education, *Education Statistics Digest: 2015*; Ministry of Education, *Educational Statistics of the Republic of China (Taiwan): 2014* (2014); National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Completions Survey; National Science Foundation, National Center for Science and Engineering Statistics, Integrated Science and Engineering Resources Data System (WebCASPAR), <https://ncesdata.nsf.gov/webcaspar/>.

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