

Appendix table 2-38

## First university degrees, by field, sex, and region/country/economy: 2010 or most recent year

Sex and region/country/economy	All fields	All S&E fields	Physical/ biological sciences	Mathematics/ computer sciences	Agricultural sciences	Social/ behavioral sciences	Engineering	Non-S&E <sup>a</sup>
Male								
Asia								
Armenia	10,579	3,890	379	889	649	21	1,952	6,689
Bangladesh (2003)	119,532	51,103	13,861	4,709	1,223	30,532	778	68,429
Brunei	294	33	21	5	0	7	NA	261
Cambodia (2008)	8,893	4,039	222	1,165	205	1,958	489	4,854
Georgia (2007)	17,571	4,376	568	380	905	28	2,495	13,195
India (2003)	1,235,444	303,725	196,058	NA	6,524	NA	101,143	931,719
Japan (2009) <sup>b</sup>	319,614	245,908	13,934	NA	9,454	138,014	84,506	73,706
Kyrgyzstan	15,958	5,083	89	980	156	1,507	2,351	10,875
Mongolia	11,539	4,449	347	602	175	1,012	2,313	7,090
Philippines (2004)	133,772	0	NA	NA	NA	NA	NA	133,772
Singapore <sup>c</sup>	6,237	3,434	594	NA	NA	NA	2,840	2,803
South Korea	162,474	84,726	8,017	11,525	2,089	7,332	55,763	77,748
Taiwan	109,686	68,637	4,579	10,692	2,013	5,299	46,054	41,049
Middle East								
Iran	170,144	102,323	7,901	3,085	9,314	9,132	72,891	67,821
Iraq (2004)	33,021	8,203	725	680	799	339	5,660	24,818
Israel	25,132	12,334	1,312	1,652	145	4,839	4,386	12,798
Jordan (2007)	19,051	7,449	847	2,560	267	536	3,239	11,602
Lebanon	13,085	4,923	789	764	56	658	2,656	8,162
Oman	4,563	2,301	109	701	50	23	1,418	2,262
Palestine	9,227	3,192	209	664	78	1,132	1,109	6,035
Qatar	355	141	0	26	NA	34	81	214
Saudi Arabia	33,434	10,052	2,067	2,681	247	1,173	3,884	23,382
Turkey	158,788	62,012	6,380	5,441	3,142	29,272	17,777	96,776
Africa								
Algeria	52,949	25,101	2,499	3,902	984	5,861	11,855	27,848
Burundi (2004)	504	163	0	62	40	49	12	341
Egypt	199,735	NA	NA	NA	NA	NA	NA	NA
Ethiopia	57,684	25,234	4,596	4,002	6,421	5,894	4,321	32,450
Ghana (2009)	6,835	2,951	NA	NA	NA	2,640	311	3,884
Madagascar	4,714	2,056	882	140	52	835	147	2,658
Morocco	17,122	6,674	1,399	1,050	374	2,286	1,565	10,448
Mozambique (2011)	7,307	1,300	121	92	256	374	457	6,007
Swaziland (2006)	847	144	31	0	77	32	4	703
Uganda (2004)	5,532	2,572	200	603	262	969	538	2,960

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Sex and region/country/economy	All fields	All S&E fields	Physical/ biological sciences	Mathematics/ computer sciences	Agricultural sciences	Social/ behavioral sciences	Engineering	Non-S&E <sup>a</sup>
Europe								
EU								
Austria	13,876	6,792	849	1,392	79	1,088	3,384	7,084
Belgium	11,716	5,129	544	361	226	1,159	2,839	6,587
Bulgaria	20,937	9,614	352	870	368	2,555	5,469	11,323
Cyprus	955	411	27	99	0	63	222	544
Czech Republic	23,398	11,348	1,021	2,533	695	1,367	5,732	12,050
Denmark	11,986	4,533	437	790	35	914	2,357	7,453
Estonia	2,243	1,211	151	274	86	179	521	1,032
Finland	12,204	7,481	324	1,022	374	467	5,294	4,723
France	130,466	59,178	8,163	12,651	1,062	7,397	29,905	71,288
Germany	161,749	82,798	13,557	18,404	1,666	10,905	38,266	78,951
Greece	11,717	6,879	846	1,318	422	1,760	2,533	4,838
Hungary	18,439	8,428	784	1,594	603	1,244	4,203	10,011
Ireland	11,417	4,695	669	898	97	477	2,554	6,722
Italy	86,052	41,244	4,202	3,353	1,885	9,789	22,015	44,808
Latvia	6,106	2,452	161	486	68	407	1,330	3,654
Lithuania	10,941	5,994	304	958	243	835	3,654	4,947
Luxembourg	165	67	3	41	0	10	13	98
Netherlands	39,673	13,325	611	3,582	490	2,779	5,863	26,348
Poland	128,916	61,379	4,220	12,404	3,059	15,339	26,357	67,537
Portugal	21,368	9,628	700	693	284	1,568	6,383	11,740
Romania	109,806	54,309	2,208	4,042	2,005	21,751	24,303	55,497
Slovak Republic	14,827	6,448	537	1,467	352	637	3,455	8,379
Slovenia	3,761	1,747	119	216	97	369	946	2,014
Spain	78,937	36,995	2,449	7,743	1,759	4,365	20,679	41,942
Sweden	13,799	7,121	403	702	68	1,254	4,694	6,678
United Kingdom <sup>d</sup>	152,330	65,800	17,275	15,475	880	13,855	18,315	86,530
Other Europe								
Albania (2011)	8,274	2,439	188	362	643	285	961	5,835
Croatia	9,069	3,770	385	514	377	359	2,135	5,299
Iceland	888	379	28	68	7	103	173	509
Macedonia	4,553	1,556	144	613	164	142	493	2,997
Norway	10,550	3,826	259	748	64	696	2,059	6,724
Switzerland	13,172	4,996	826	695	69	881	2,525	8,176
North America								
Canada	69,212	31,344	6,648	4,405	431	9,456	10,404	37,868
Mexico	166,447	74,732	4,395	7,998	2,614	8,518	51,207	91,715
United States	713,336	261,091	50,454	42,385	9,691	97,855	60,706	452,245

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## First university degrees, by field, sex, and region/country/economy: 2010 or most recent year

Sex and region/country/economy	All fields	All S&E fields	Physical/ biological sciences	Mathematics/ computer sciences	Agricultural sciences	Social/ behavioral sciences	Engineering	Non-S&E <sup>a</sup>
Central America and Caribbean								
Cuba	62,610	NA	NA	NA	NA	NA	NA	NA
El Salvador	4,487	1,405	60	579	49	24	693	3,082
Guatemala	2,254	928	38	0	197	59	634	1,326
Panama	5,925	2,029	84	272	60	336	1,277	3,896
South America								
Argentina (2009)	34,573	11,240	812	1,889	1,181	2,446	4,912	23,333
Brazil	315,019	70,695	5,630	16,264	7,067	8,436	33,298	244,324
Chile	29,642	10,628	518	1,201	786	1,804	6,319	19,014
Colombia	70,202	25,389	2,480	5,449	681	3,475	13,304	44,813
Guyana	109	40	13	6	0	21	0	69
Uruguay	2,512	1,032	108	198	165	245	316	1,480
Oceania								
Australia	78,307	26,435	5,242	6,357	559	4,081	10,196	51,872
New Zealand	12,206	5,612	1,140	1,308	104	1,404	1,656	6,594
Female								
Asia								
Armenia	15,182	2,621	524	728	445	199	725	12,561
Bangladesh (2003)	60,726	23,741	5,044	889	246	17,470	92	36,985
Brunei	600	38	24	3	0	11	NA	562
Cambodia (2008)	4,094	1,129	28	148	51	877	25	2,965
Georgia (2007)	16,481	2,138	839	266	236	73	724	14,343
India (2003)	816,753	159,461	131,717	NA	1,277	NA	26,467	657,292
Japan (2009) <sup>a</sup>	236,076	90,907	5,160	NA	6,659	68,378	10,710	145,169
Kyrgyzstan	22,148	4,867	193	818	58	2,676	1,122	17,281
Mongolia	20,861	4,612	456	428	363	1,810	1,555	16,249
Philippines (2006)	217,032	0	NA	NA	NA	NA	NA	217,032
Singapore <sup>b</sup>	6,214	2,118	1,172	NA	NA	NA	946	4,096
South Korea	145,688	38,932	7,715	4,951	1,654	6,605	18,007	106,756
Taiwan	117,499	19,657	2,539	6,543	2,141	2,023	6,411	97,842
Middle East								
Iran	171,487	77,730	19,005	7,426	8,635	15,868	26,796	93,757
Iraq (2004)	21,375	3,426	881	609	386	231	1,319	17,949
Israel	34,108	12,423	1,637	691	153	8,381	1,561	21,685
Jordan (2007)	21,736	6,184	1,749	1,931	363	896	1,245	15,552
Lebanon	16,547	5,495	2,044	496	94	1,922	939	11,052
Oman	6,084	2,243	351	1,253	65	32	542	3,841
Palestine	14,004	3,018	474	707	16	1,256	565	10,986

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## First university degrees, by field, sex, and region/country/economy: 2010 or most recent year

Sex and region/country/economy	All fields	All S&E fields	Physical/ biological/ sciences	Mathematics/ computer sciences	Agricultural sciences	Social/ behavioral sciences	Engineering	Non-S&E <sup>a</sup>
Qatar	894	270	23	45	NA	116	86	624
Saudi Arabia	55,219	19,636	7,127	6,007	115	6,243	144	35,583
Turkey	130,225	41,161	5,640	3,631	1,650	23,749	6,491	89,064
Africa								
Algeria	89,745	32,748	8,342	4,814	1,103	12,494	5,995	56,997
Burundi (2004)	176	44	0	12	11	21	0	132
Egypt	210,224	NA	NA	NA	NA	NA	NA	NA
Ethiopia	17,039	5,454	889	1,133	984	1,762	686	11,585
Ghana (2009)	4,488	2,246	NA	NA	151	2,062	33	2,242
Madagascar	4,755	1,449	535	39	48	790	37	3,306
Morocco	16,433	5,599	1,447	627	196	2,442	887	10,834
Mozambique (2011)	2,260	685	62	19	121	391	92	1,575
Swaziland (2006)	996	93	13	0	41	37	2	903
Uganda (2004)	4,089	1,184	104	150	44	671	215	2,905
Europe								
EU								
Austria	18,267	4,605	997	330	111	2,038	1,129	13,662
Belgium	14,233	3,783	406	88	126	2,212	951	10,450
Bulgaria	32,061	9,362	803	657	358	4,729	2,815	22,699
Cyprus	1,777	451	53	97	0	206	95	1,326
Czech Republic	37,127	7,808	1,484	580	966	2,992	1,786	29,319
Denmark	20,087	3,032	545	220	53	1,301	913	17,055
Estonia	5,093	1,281	283	143	87	449	319	3,812
Finland	20,742	4,006	552	444	358	1,254	1,398	16,736
France (2009)	155,984	40,940	9,033	3,839	1,136	15,636	11,296	115,044
Germany	207,310	55,785	16,490	9,550	1,252	17,748	10,745	151,525
Greece	21,006	7,673	1,082	1,091	414	3,416	1,670	13,333
Hungary	30,941	6,312	1,054	485	588	2,981	1,204	24,629
Ireland	15,667	2,703	865	296	77	889	576	12,964
Italy	125,718	35,205	6,765	1,552	1,092	15,092	10,704	90,513
Latvia	15,349	2,821	335	169	89	1,643	585	12,528
Lithuania	21,013	5,450	389	360	261	2,960	1,480	15,563
Luxembourg	165	61	3	10	0	48	0	104
Netherlands	51,716	8,411	549	445	408	5,808	1,201	43,305
Poland	226,304	62,807	9,539	3,716	3,807	33,730	12,015	163,497
Portugal	32,643	7,436	1,170	319	225	3,124	2,598	25,207
Romania	190,650	78,558	5,032	2,965	1,079	57,230	12,252	112,092
Slovak Republic	27,200	4,785	922	312	307	1,678	1,566	22,415
Slovenia	7,268	1,962	257	72	152	994	487	5,306

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**First university degrees, by field, sex, and region/country/economy: 2010 or most recent year**

Sex and region/country/economy	All fields	All S&E fields	Physical/ biological sciences	Mathematics/ computer sciences	Agricultural sciences	Social/ behavioral sciences	Engineering	Non-S&E <sup>a</sup>
Spain	118,953	26,051	3,887	2,327	1,246	8,135	10,456	92,902
Sweden	26,903	5,993	900	253	102	2,704	2,034	20,910
United Kingdom <sup>d</sup>	198,525	51,905	15,415	5,255	2,155	25,440	3,640	146,620
Other Europe								
Albania (2011)	14,447	3,073	490	463	564	1,019	537	11,374
Croatia	14,710	3,615	781	481	418	962	973	11,095
Iceland	1,976	427	72	17	7	215	116	1,549
Macedonia	5,677	1,070	187	297	68	188	330	4,607
Norway	18,031	2,758	351	125	63	1,477	742	15,273
Switzerland	15,450	2,920	611	90	51	1,613	555	12,530
North America								
Canada	109,615	34,295	9,592	1,655	444	19,727	2,877	75,320
Mexico	206,550	56,786	5,694	5,973	1,136	23,742	20,241	149,764
United States	954,891	264,283	62,365	14,554	10,709	162,962	13,693	690,608
Central America and Caribbean								
Cuba	84,795	NA	NA	NA	NA	NA	NA	NA
El Salvador	6,987	851	101	383	21	18	328	6,136
Guatemala (2007)	1,851	554	106	0	47	177	224	1,297
Panama	12,077	1,819	53	220	80	559	907	10,258
South America								
Argentina (2009)	51,352	11,665	1,791	882	620	6,097	2,275	39,687
Brazil	535,768	50,670	9,282	3,997	3,395	20,825	13,171	485,098
Chile	38,819	7,363	493	311	566	3,759	2,234	31,456
Colombia	91,128	20,787	3,027	2,602	422	7,627	7,109	70,341
Guyana	219	84	13	5	0	66	0	135
Uruguay	4,383	1,050	180	59	56	503	252	3,333

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**First university degrees, by field, sex, and region/country/economy: 2010 or most recent year**

Sex and region/country/economy	All fields	All S&E fields	Physical/ biological sciences	Mathematics/ computer sciences	Agricultural sciences	Social/ behavioral sciences	Engineering	Non-S&E <sup>a</sup>
Oceania								
Australia	112,773	20,217	6,063	1,619	499	8,986	3,050	92,556
New Zealand	18,451	4,960	1,419	542	89	2,203	707	13,491

NA = not available.

EU = European Union.

<sup>a</sup> Includes field unknown or unspecified.<sup>b</sup> Japan social science data include business administration.<sup>c</sup> Singapore data include social sciences in humanities (non-S&E) and mathematical sciences with physical and biological sciences.<sup>d</sup> Includes former colleges and polytechnic institutions. Data are rounded to the nearest 5. Detail may not add to total because of rounding.

NOTES: Physical/biological sciences include physical; biological; and earth, atmospheric, and ocean sciences. Data for first university degrees use International Standard Classification of Education (ISCED 97), level 5A. Long (more than 5 years) and short (less than 5 years) first university degrees are combined.

SOURCES: Organisation for Economic Co-operation and Development (OECD), OECD.Stat Extracts, <http://stats.oecd.org/Index.aspx>; UNESCO, Institute for Statistics, special tabulations (2011); India—Government of India, Ministry of Human Resource Development, Department of Higher Education 2008, *Education Statistics at a Glance 2005–06*; Japan—Government of Japan, Ministry of Education, Culture, Sports, Science and Technology, Monbusho Survey of Education, special tabulations (2011); Taiwan—Ministry of Education, Educational Statistics of the Republic of China: 2010 (2010); United Kingdom—Higher Education Statistics Agency, special tabulations (2012); and United States—National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey; and National Science Foundation, National Center for Science and Engineering Statistics, Integrated Science and Engineering Resources Data System (WebCASPAR), <http://webcaspar.nsf.gov>.