

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

Region/country/economy	Field of first university degree								S&E (%)	Natural sciences (%)	Engineering (%)
	All fields	All S&E fields	Physical/ biological sciences	Mathematics/ computer sciences	Agricultural sciences	Social/ behavioral sciences	Engineering	Non-S&E <sup>a</sup>			
Asia <sup>b</sup>											
Armenia	25,761	6,511	903	1,617	1,094	220	2,677	19,250	25.3	14.0	10.4
Bangladesh (2003)	180,258	74,844	18,905	5,598	1,469	48,002	870	105,414	41.5	14.4	0.5
Brunei	894	80	45	17	0	18	NA	814	8.9	6.9	NA
Cambodia (2009)	12,987	5,168	250	1,313	256	2,835	514	7,819	39.8	14.0	4.0
China	2,590,535	1,288,999	269,053	NA	48,442	158,286	813,218	1,301,536	49.8	12.3	31.4
Georgia (2007)	34,052	6,514	1,407	646	1,141	101	3,219	27,538	19.1	18.8	9.5
India (2003)	2,052,197	463,186	327,775	NA	7,801	NA	127,610	1,589,011	22.6	16.3	6.2
Japan <sup>c</sup>	541,428	321,168	18,413	NA	17,071	196,061	89,623	220,260	59.3	6.6	16.6
Kyrgyzstan	38,106	9,950	282	1,798	214	4,183	3,473	28,156	26.1	6.0	9.1
Malaysia (2009)	117,792	53,640	8,636	13,495	852	12,319	18,338	64,152	45.5	19.5	15.6
Mongolia	32,400	9,061	803	1,030	538	2,822	3,868	23,339	28.0	7.3	11.9
Philippines (2006)	350,804	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Singapore <sup>d</sup>	12,451	5,552	1,766	NA	NA	NA	3,786	6,899	44.6	14.2	30.4
South Korea	308,162	123,658	15,732	16,476	3,743	13,937	73,770	184,504	40.1	11.7	23.9
Taiwan	227,174	88,294	7,118	17,235	4,154	7,322	52,465	138,880	38.9	12.5	23.1
Middle East <sup>b</sup>											
Iran (2007)	341,631	180,053	26,906	10,511	17,949	25,000	99,687	161,578	52.7	16.2	29.2
Iraq (2004)	54,396	11,629	1,606	1,289	1,185	570	6,979	42,767	21.4	7.5	12.8
Israel	59,240	24,757	2,949	2,343	298	13,220	5,947	34,483	41.8	9.4	10.0
Jordan (2007)	40,787	13,633	2,596	4,491	630	1,432	4,484	27,154	33.4	18.9	11.0
Lebanon	29,632	10,418	2,833	1,260	150	2,580	3,595	19,214	35.2	14.3	12.1
Oman	10,647	4,544	460	1,954	115	55	1,960	6,103	42.7	23.8	18.4
Palestine	23,231	6,210	683	1,371	94	2,388	1,674	17,021	26.7	9.2	7.2
Qatar	1,249	411	23	71	NA	150	167	838	32.9	7.5	13.4
Saudi Arabia	88,653	29,688	9,194	8,688	362	7,416	4,028	58,965	33.5	20.6	4.5
Turkey	289,013	103,173	12,020	9,072	4,792	53,021	24,268	185,840	35.7	9.0	8.4
Africa <sup>b</sup>											
Algeria (2007)	142,694	57,849	10,841	8,716	2,087	18,355	17,850	84,845	40.5	15.2	12.5
Burundi (2004)	680	207	0	74	51	70	12	473	30.4	18.4	1.8
Cameroon (2008)	27,368	10,877	3,424	853	121	6,125	354	16,491	39.7	16.1	1.3
Egypt	409,959	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Eritrea	1,856	251	NA	NA	NA	NA	251	1,605	13.5	NA	13.5
Ethiopia	74,723	30,688	5,485	5,135	7,405	7,656	5,007	44,035	41.1	24.1	6.7
Ghana (2009)	11,323	5,046	NA	NA	NA	4,702	344	6,277	44.6	NA	3.0
Kenya (2001)	15,620	3,870	1,120	71	1,494	445	740	11,750	24.8	17.2	4.7
Lesotho (2003)	475	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Madagascar	9,469	3,505	1,417	179	100	1,625	184	5,964	37.0	17.9	1.9

Appendix table 2-36

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

Region/country/economy	Field of first university degree								S&E (%)	Natural sciences (%)	Engineering (%)
	All fields	All S&E fields	Physical/ biological sciences	Mathematics/ computer sciences	Agricultural sciences	Social/ behavioral sciences	Engineering	Non-S&E <sup>a</sup>			
Morocco	33,555	12,273	2,846	1,677	570	4,728	2,452	21,282	36.6	15.2	7.3
Mozambique (2011)	9,567	1,985	183	111	377	765	549	7,582	20.7	7.0	5.7
Namibia (2008)	2,825	262	NA	38	154	NA	70	2,563	9.3	6.8	2.5
Swaziland (2006)	1,843	237	44	0	118	69	6	1,606	12.9	8.8	0.3
Uganda (2004)	9,621	3,153	304	150	306	1,640	753	6,468	32.8	14.2	7.8
Europe <sup>b</sup>											
EU											
Austria	32,143	11,397	1,846	1,722	190	3,126	4,513	20,746	35.5	11.7	14.0
Belgium	25,949	8,912	950	449	352	3,371	3,790	17,037	34.3	6.7	14.6
Bulgaria	52,998	18,976	1,155	1,527	726	7,284	8,284	34,022	35.8	6.4	15.6
Cyprus	2,732	862	80	196	0	269	317	1,870	31.6	10.1	11.6
Czech Republic	60,525	19,156	2,505	3,113	1,661	4,359	7,518	41,369	31.6	12.0	12.4
Denmark	32,073	7,565	982	1,010	88	2,215	3,270	24,508	23.6	6.5	10.2
Estonia	7,336	2,492	434	417	173	628	840	4,844	34.0	14.0	11.5
Finland	32,946	11,487	876	1,466	732	1,721	6,692	21,459	34.9	9.3	20.3
France (2009)	286,450	100,118	17,196	16,490	2,198	23,033	41,201	186,332	35.0	12.5	14.4
Germany	369,059	138,583	30,047	27,954	2,918	28,653	49,011	230,476	37.6	16.5	13.3
Greece	32,723	14,552	1,928	2,409	836	5,176	4,203	18,171	44.5	15.8	12.8
Hungary	49,380	14,740	1,838	2,079	1,191	4,225	5,407	34,640	29.9	10.3	10.9
Ireland	27,084	7,398	1,534	1,194	174	1,366	3,130	19,686	27.3	10.7	11.6
Italy	211,770	76,449	10,967	4,905	2,977	24,881	32,719	135,321	36.1	8.9	15.5
Latvia	21,455	5,273	496	655	157	2,050	1,915	16,182	24.6	6.1	8.9
Lithuania	31,954	11,444	693	1,318	504	3,795	5,134	20,510	35.8	7.9	16.1
Luxembourg (2008)	330	128	6	51	0	58	13	202	38.8	17.3	3.9
Netherlands	91,389	21,736	1,160	4,027	898	8,587	7,064	69,653	23.8	6.7	7.7
Poland	355,220	124,186	13,759	16,120	6,866	49,069	38,372	231,034	35.0	10.3	10.8
Portugal	54,011	17,064	1,870	1,012	509	4,692	8,981	36,947	31.6	6.3	16.6
Romania	300,456	132,867	7,240	7,007	3,084	78,981	36,555	167,589	44.2	5.8	12.2
Slovak Republic	42,027	11,233	1,459	1,779	659	2,315	5,021	30,794	26.7	9.3	11.9
Slovenia	11,029	3,709	376	288	249	1,363	1,433	7,320	33.6	8.3	13.0
Spain	197,890	63,046	6,336	10,070	3,005	12,500	31,135	134,844	31.9	9.8	15.7
Sweden	40,702	13,114	1,303	955	170	3,958	6,728	27,588	32.2	6.0	16.5
United Kingdom <sup>c</sup>	350,855	117,705	32,690	20,730	3,035	39,295	21,955	233,150	33.5	16.1	6.3
Other Europe											
Albania (2003)	22,721	5,512	678	825	1,207	1,304	1,498	17,209	24.3	11.9	6.6
Croatia	23,779	7,385	1,166	995	795	1,321	3,108	16,394	31.1	12.4	13.1
Iceland	2,864	806	100	85	14	318	289	2,058	28.1	6.9	10.1
Macedonia	10,230	2,626	331	910	232	330	823	7,604	25.7	14.4	8.0



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	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 <sup>b</sup>											
Australia	191,080	46,652	11,305	7,976	1,058	13,067	13,246	144,428	24.4	10.6	6.9
New Zealand	30,657	10,572	2,559	1,850	193	3,607	2,363	20,085	34.5	15.0	7.7

NA = not available.

EU = European Union.

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

NOTES: Physical/biological sciences include physical; biological; and earth, atmospheric, and ocean sciences. Natural sciences include physical, biological, agricultural, and computer sciences and mathematics. Data for first university degrees use International Standard Classification of Education (ISCED 97), level 5A. First university degree programs in most countries take less than 5 years to complete; however, in some countries, especially European, some level 5A degree programs take more than 5 years. Data for some countries include degrees comparable with U.S. master's or first professional degrees.

SOURCES: Organisation for Economic Co-operation and Development, OECD.Stat Extracts, <http://stats.oecd.org/Index.aspx/>; UNESCO, Institute for Statistics, International Education Database, special tabulations (as of November 2012); China—National Bureau of Statistics of China, *China Statistical Yearbook, 2011* (Beijing); 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 (2012); Russian Federation—State University Higher School of Economics, special tabulations (2012); Singapore—Ministry of Education, Education Statistics Digest: 2011 (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>.