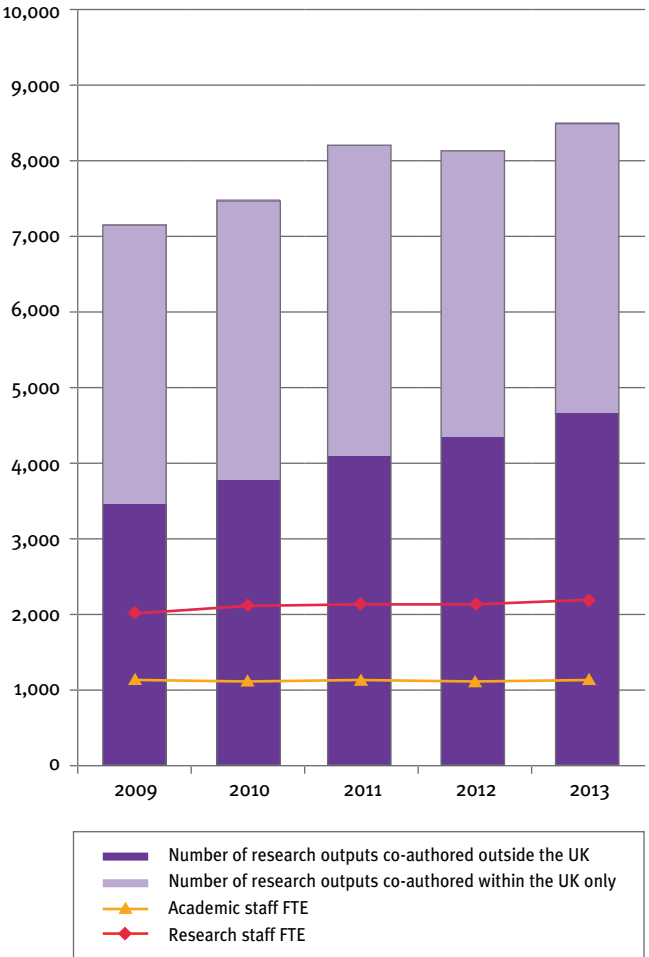
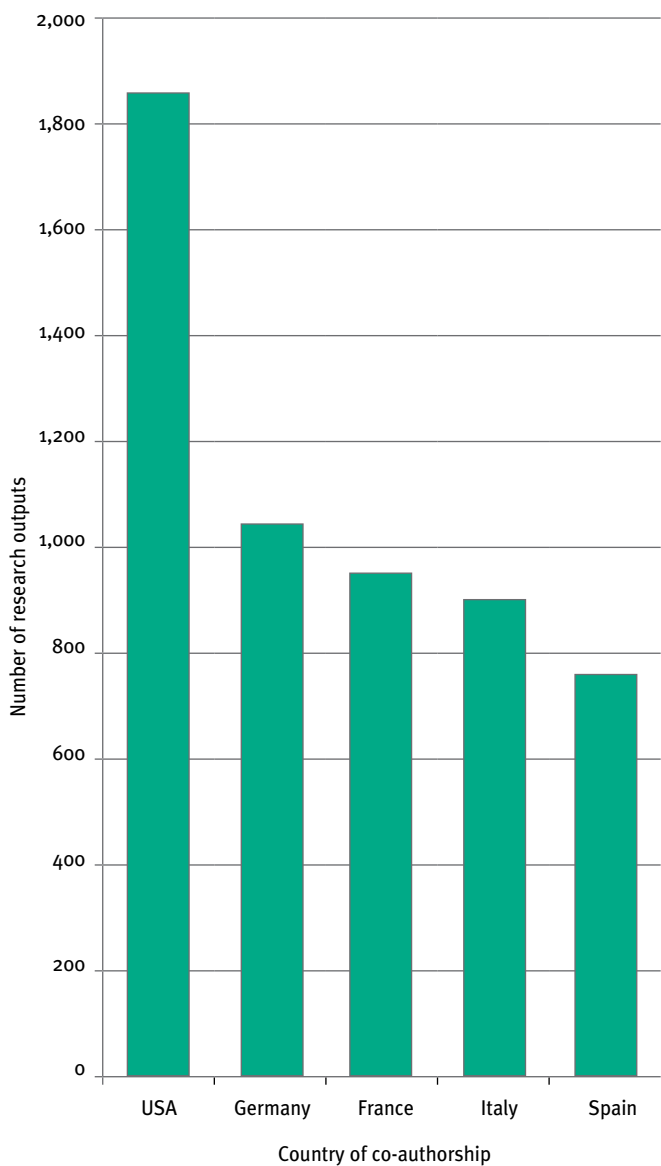


Statistics Pocket Guide 2013–14

Number of research outputs co-authored within and outside the UK between 2009 and 2013



Top 5 countries for research output co-authorship in 2013



Full-time student numbers

	Home/EU	Overseas	Female	Male	Total	New entrants
2013–14 full-time student numbers¹						
Undergraduate	6,476	2,455	3,016	5,915	8,931	2,494
Taught postgraduate	1,380	1,546	1,300	1,626	2,926	2,525
Research postgraduate	2,035	843	1,039	1,839	2,878	912
Total full-time students	9,891	4,844	5,355	9,380	14,735	5,931

2013–14 percentage breakdown²						
Undergraduate	43.9%	16.7%	20.5%	40.1%	60.6%	16.9%
Taught postgraduate	9.4%	10.5%	8.8%	11.0%	19.9%	17.1%
Research postgraduate	13.8%	5.7%	7.1%	12.5%	19.5%	6.2%
Total full-time students	67.1%	32.9%	36.3%	63.7%	100.0%	40.3%

2012–13 full-time student numbers¹						
Undergraduate	6,456	2,378	3,043	5,791	8,834	2,360
Taught postgraduate	1,408	1,307	1,182	1,533	2,715	2,357
Research postgraduate	2,051	814	1,029	1,836	2,865	954
Total full-time students	9,915	4,499	5,254	9,160	14,414	5,671

Percentage change over one year						
Undergraduate	0.3%	3.2%	-0.9%	2.1%	1.1%	5.7%
Taught postgraduate	-2.0%	18.3%	10.0%	6.1%	7.8%	7.1%
Research postgraduate	-0.8%	3.6%	1.0%	0.2%	0.5%	-4.4%
Total full-time students	-0.2%	7.7%	1.9%	2.4%	2.2%	4.6%

Percentage change over five years³						
Undergraduate	2.4%	10.1%	2.7%	5.3%	4.4%	-0.8%
Taught postgraduate	7.6%	68.8%	43.6%	25.8%	33.1%	19.6%
Research postgraduate	29.0%	22.4%	21.9%	30.0%	27.0%	106.8%
Total full-time students	7.7%	26.3%	14.1%	12.7%	13.2%	17.0%

¹ New entrants include Imperial graduates returning for higher degrees.

² New entrants shown as a percentage of total full-time student numbers.

³ In 2008–09, MRes students were classified as taught postgraduates rather than research postgraduates.

Numbers include seven Imperial College Union sabbatical officers registered as taught postgraduates.

Numbers include occasional students.

Numbers exclude postgraduate research students who are writing up (302 in 2013–14; 350 in 2012–13).

Part-time student numbers

	Home/EU	Overseas	Female	Male	Total	New entrants
2013–14 part-time student numbers¹						
Taught postgraduate	532	78	255	355	610	274
Research postgraduate	498	88	234	352	586	65
Total part-time students	1,030	166	489	707	1,196	339

2013–14 percentage breakdown²						
Taught postgraduate	44.5%	6.5%	21.3%	29.7%	51.0%	22.9%
Research postgraduate	41.6%	7.4%	19.6%	29.4%	49.0%	5.4%
Total part-time students	86.1%	13.9%	40.9%	59.1%	100.0%	28.3%

2012–13 part-time student numbers¹						
Taught postgraduate	568	67	282	353	635	296
Research postgraduate	476	98	233	341	574	73
Total part-time students	1,044	165	515	694	1,209	369

Percentage change over one year						
Taught postgraduate	-6.3%	16.4%	-9.6%	0.6%	-3.9%	-7.4%
Research postgraduate	4.6%	-10.2%	0.4%	3.2%	2.1%	-11.0%
Total part-time students	-1.3%	0.6%	-5.0%	1.9%	-1.1%	-8.1%

Percentage change over five years						
Taught postgraduate	22.6%	18.2%	25.6%	19.5%	22.0%	7.0%
Research postgraduate	31.1%	-22.8%	9.9%	25.3%	18.6%	20.4%
Total part-time students	26.5%	-7.8%	17.5%	22.3%	20.3%	9.4%

¹ New entrants include Imperial graduates returning for higher degrees.

² New entrants shown as a percentage of total part-time student numbers. Numbers include occasional students.

Numbers exclude postgraduate research students who are writing up (26 in 2013–14; 16 in 2012–13). There is no part-time provision for undergraduate students.

Registered headcount in year one is used as an approximation for new entrants.

Full-time equivalent (FTE) students 2013–14

	UG	PG Research			PG Taught			Total UG/PG	% change in total over	
		Full-time	Part-time	Total	Full-time	Part-time	Total		1 year	5 years
Faculty of Engineering	3,797.0	1,234.0	70.5	1,304.5	1,093.0	20.0	1,113.0	6,214.5	3.8%	16.7%
Aeronautics	388.0	61.0	8.0	69.0	82.0	4.0	86.0	543.0	5.0%	32.9%
Bioengineering	283.0	121.0	5.0	126.0	72.0	0.0	72.0	481.0	8.8%	67.6%
Chemical Eng	505.0	157.0	12.0	169.0	63.0	0.0	63.0	737.0	0.9%	4.5%
Civil & Environmental Eng	338.0	122.0	6.0	128.0	237.0	15.3	252.3	718.3	4.0%	-5.0%
Computing	507.0	144.0	14.5	158.5	146.0	0.7	146.7	812.2	5.7%	27.4%
Earth Science & Eng	302.0	140.0	3.0	143.0	152.0	0.0	152.0	597.0	-2.2%	31.5%
Electrical & Electronic Eng	565.0	177.0	11.5	188.5	114.0	0.0	114.0	867.5	-1.5%	0.6%
Energy Futures Lab	0.0	0.0	0.0	0.0	45.0	0.0	45.0	45.0	4.7%	32.4%
Materials	254.0	133.0	3.5	136.5	52.0	0.0	52.0	442.5	3.9%	22.9%
Mechanical Eng	655.0	179.0	7.0	186.0	130.0	0.0	130.0	971.0	10.3%	18.1%
Faculty of Medicine¹	2,166.0	598.0	187.0	785.0	200.0	116.7	316.7	3,267.7	-4.8%	3.0%
Faculty of Natural Sciences	2,968.0	992.0	34.0	1,026.0	476.0	15.2	491.2	4,485.2	2.9%	7.2%
Centre for Environmental Policy	0.0	34.0	6.0	40.0	148.0	2.5	150.5	190.5	7.6%	6.1%
Chemistry	524.0	260.0	2.5	262.5	3.0	4.7	7.7	794.2	4.1%	16.8%
Life Sciences ²	841.0	205.0	8.0	213.0	120.0	0.0	120.0	1,174.0	3.4%	-10.0%
Mathematics	722.0	140.0	6.5	146.5	118.0	1.5	119.5	988.0	4.1%	6.9%
Physics	881.0	353.0	11.0	364.0	87.0	6.5	93.5	1,338.5	0.4%	22.4%
Business School	0.0	47.0	1.0	48.0	1,095.0	128.6	1,223.6	1,271.6	23.2%	87.5%
Non-Faculty	0.0	7.0	0.5	7.5	62.0	20.3	82.3	89.8	-50.0%	-35.5%
Centre for Co-Curricular Studies ³	0.0	6.0	0.5	6.5	42.0	5.0	47.0	53.5	-64.2%	-58.5%
Educational Development	0.0	1.0	0.0	1.0	0.0	15.3	15.3	16.3	48.5%	390.5%
INSPIRE	0.0	0.0	0.0	0.0	13.0	0.0	13.0	13.0	8.3%	1200.0%
Sabbatical officers	0.0	0.0	0.0	0.0	7.0	0.0	7.0	7.0	0.0%	16.7%
Total	8,931.0	2,878.0	293.0	3,171.0	2,926.0	300.8	3,226.8	15,328.8	2.3%	13.6%

¹ UG numbers include students enrolled on the BSc and MSci in Biomedical Science.

² The percentage change in total over 5 years is calculated including undergraduates who were registered in the Centre for Environmental Policy in 2008–09.

³ The percentage change in total over 1 and 5 years is calculated including students who were registered in ChoSTM in 2012–13 and in ChoSTM and the Department of Humanities in 2008–09. Numbers include occasional students.

Numbers exclude postgraduate research students who are writing up.

There is no part-time provision for undergraduate students.

INSPIRE stands for Innovative Scheme for Postgraduates In Research and Education.

Full-time equivalent (FTE) staff numbers and student:staff ratios 2013–14

	Academic staff	Research staff	Support staff	Total staff	Student load	Student:staff ratio ¹
Faculty of Engineering	358	743	384	1,485	5,748	16.1 : 1
Aeronautics	26	47	22	95	540	20.8 : 1
Bioengineering	29	62	36	126	425	14.9 : 1
Chemical Eng	36	107	45	187	630	17.7 : 1
Civil & Environmental Eng	51	41	47	139	666	13.0 : 1
Computing	49	108	32	189	793	16.1 : 1
Earth Science & Eng	43	76	33	152	564	13.0 : 1
Electrical & Electronic Eng	44	113	35	191	784	17.9 : 1
Energy Futures Lab	0	0	0	0	45	n/a
Inst. for Security Sci. & Tech.	1	4	2	6	0	n/a
Materials	31	88	29	148	445	14.4 : 1
Mechanical Eng	46	75	47	167	856	18.7 : 1
Engineering HQ	3	24	57	84	0	n/a
Faculty of Medicine	435	1,012	1,057	2,504	3,146	7.2 : 1
Faculty of Natural Sciences	336	575	364	1,274	4,264	12.7 : 1
Centre for Environmental Policy	16	25	14	56	193	11.8 : 1
Chemistry	43	113	47	203	737	17.2 : 1
Climate KIC ²	2	0	19	21	0	n/a
Grantham Inst. for Climate Change	3	3	7	13	2	0.7 : 1
Life Sciences	83	185	105	373	1,048	12.6 : 1
Mathematics	74	69	23	166	1,090	14.8 : 1
Physics	114	179	105	398	1,195	10.5 : 1
Natural Sciences HQ	1	0	43	45	0	n/a
Business School	59	36	135	230	1,489	25.1 : 1
Non-Faculty	5	1	45	50	179	38.1 : 1
Centre for Co-Curricular Studies	4	1	29	33	156	44.7 : 1
Centre for Academic English	0	0	8	8	2	n/a
Educational Development	1	0	7	8	21	17.2 : 1
Central Services	11	0	1,470	1,480	0	n/a
Total	1,203	2,366	3,454	7,023	14,826	12.3 : 1

¹ The student:staff ratio is the ratio of student load to academic staff.

² This relates to staff hosted by Imperial who manage and co-ordinate Climate KIC activities.

Student load is the full-time equivalent teaching load undertaken by a department, taking account of service teaching supplied to and received from other departments. It includes research postgraduate supervision load.

Short courses are excluded. Occasional student load is included.

Staff numbers are inclusive of all sources of funding.

Applications and admissions – undergraduate¹

	Applications received for 2013-14 entry			New admissions 2013-14	Applications: admissions ratio for 2013 entry	Average tariff score on entry ²
	H/EU	O/S	Total			
Faculty of Engineering	3,182	3,294	6,476	1,029	6.3 : 1	564
Aeronautics	336	254	590	97	6.1 : 1	580
Bioengineering	166	189	355	85	4.2 : 1	537
Chemical Eng	369	493	862	121	7.1 : 1	605
Civil & Environmental Eng	232	324	556	87	6.4 : 1	553
Computing	617	430	1,047	144	7.3 : 1	567
Earth Science & Eng	269	72	341	86	4.0 : 1	545
Electrical & Electronic Eng	295	581	876	167	5.2 : 1	554
Materials	187	211	398	72	5.5 : 1	529
Mechanical Eng	711	740	1,451	170	8.5 : 1	573
Faculty of Medicine³	2,780	881	3,661	456	8.0 : 1	541
Faculty of Natural Sciences	3,465	2,093	5,558	897	6.2 : 1	557
Chemistry	508	314	822	142	5.8 : 1	530
Life Sciences	977	599	1,576	274	5.8 : 1	505
Mathematics	947	851	1,798	235	7.7 : 1	598
Physics	1,033	329	1,362	246	5.5 : 1	588
Total	9,426	6,268	15,694	2,381	6.6 : 1	558

¹ Applications and admissions as at October 2013. Applications for deferred entry in 2013 are included.

² The method used in calculating the average tariff scores includes all qualifications that fall within the UCAS tariff points system, where A-level tariff scores are A*=140, A=120, B=100, C=80, D=60, E=40.

³ Numbers include students enrolled on the BSc and MSci in Biomedical Science. Mathematics and Computing applications and admissions are split 50:50 between the Departments of Mathematics and of Computing. Numbers exclude occasional students.

Applications and admissions – postgraduate¹

	Applications received for 2013–14 entry			New admissions 2013–14 ²			Applications: admissions ratio for 2013 entry
	Taught	Research	Total	Taught	Research	Total	Total
Faculty of Engineering	7,117	1,917	9,034	1,004	287	1,291	7.0 : 1
Aeronautics	281	96	377	83	14	97	3.9 : 1
Bioengineering	245	206	451	72	40	112	4.0 : 1
Chemical Eng	396	236	632	63	32	95	6.7 : 1
Civil & Environmental Eng	1,749	133	1,882	253	29	282	6.7 : 1
Computing	1,380	226	1,606	145	37	182	8.8 : 1
Earth Science & Eng	1,268	272	1,540	149	24	173	8.9 : 1
Electrical & Electronic Eng	911	314	1,225	111	39	150	8.2 : 1
Energy Futures Lab	305	0	305	45	0	45	6.8 : 1
Materials	217	199	416	49	26	75	5.5 : 1
Mechanical Eng	365	235	600	34	46	80	7.5 : 1
Faculty of Medicine	1,345	728	2,073	305	266	571	3.6 : 1
Faculty of Natural Sciences	2,269	1,744	4,013	475	377	852	4.7 : 1
Centre for Environmental Policy	348	85	433	149	8	157	2.8 : 1
Chemistry	4	407	411	0	117	117	3.5 : 1
Life Sciences	428	321	749	119	95	214	3.5 : 1
Mathematics	1,132	318	1,450	117	37	154	9.4 : 1
Physics	357	613	970	90	120	210	4.6 : 1
Business School	6,772	269	7,041	1,198	17	1,215	5.8 : 1
Non-Faculty	203	21	224	44	1	45	5.0 : 1
Centre for Co-Curricular Studies	203	18	221	44	0	44	5.0 : 1
Educational Development	0	3	3	0	1	1	3.0 : 1
Total	17,706	4,679	22,385	3,026	948	3,974	5.6 : 1

¹ Applications and admissions include full-time and part-time students.

² New admissions include part-time first year student numbers as an approximation for part-time new admissions.

Data do not include applications and admissions for courses where the applications and/or admissions are not handled centrally by the College.

Numbers exclude occasional students.

Applications data include applications received up to July 2014.

Degrees awarded

Undergraduate

	2013				2012	
	First	2.1	Total ¹	% First/2.1	Total ¹	% First/2.1
Faculty of Engineering	373	438	895	90.6%	909	86.9%
Aeronautics	51	24	79	94.9%	64	87.5%
Bioengineering	17	32	55	89.1%	66	74.2%
Chemical Eng	52	62	118	96.6%	116	94.8%
Civil & Environmental Eng	43	53	103	93.2%	86	93.0%
Computing	49	39	103	85.4%	111	90.1%
Earth Science & Eng	26	37	69	91.3%	60	88.3%
Electrical & Electronic Eng	68	79	171	86.0%	170	79.4%
Materials	24	39	67	94.0%	77	88.3%
Mechanical Eng	43	73	130	89.2%	159	87.4%
Faculty of Medicine	116	267	781	n/a	762	n/a
Medicine – MBBS	n/a	n/a	376	n/a	394	n/a
School of Medicine	116	267	405	94.6%	368	93.8%
Faculty of Natural Sciences	256	335	740	79.9%	878	81.0%
Chemistry	39	44	106	78.3%	125	83.2%
Life Sciences	53	136	219	86.3%	259	88.4%
Mathematics	79	62	200	70.5%	245	72.7%
Physics	85	93	215	82.8%	249	80.3%
Total	745	1,040	2,416	87.5%	2,549	85.7%

Postgraduate

				% change over	% change over
	2013	2012	2008	1 year	5 years
PhD/DSc/MD/MD(Res)/EngD/MRes/MS	1,028	975	701	5.4%	46.6%
MSc/MEd/MBA/MPH	2,659	2,609	1,713	1.9%	55.2%
MPhil	8	12	13	-33.3%	-38.5%
CAS/DIC/PGCert/PGDip	20	35	48	-42.9%	-58.3%
Total	3,715	3,631	2,475	2.3%	50.1%

¹ Total includes all degree classifications. Total does not include awards made to occasional students.

Academic expenditure 2012–13

	General funds		Research grants and contracts		Total £k	% of total
	Staff £k	Other £k	Staff £k	Other £k		
Faculty of Engineering	43,422	21,733	33,704	33,498	132,357	26.5%
Aeronautics	2,752	1,036	1,584	1,205	6,577	1.3%
Bioengineering	2,655	1,215	2,844	2,776	9,490	1.9%
Chemical Eng	4,819	3,612	4,647	6,075	19,153	3.8%
Civil & Environmental Eng	5,305	1,473	2,655	3,460	12,893	2.6%
Computing	5,647	2,212	5,414	2,920	16,193	3.2%
Earth Science & Eng	5,148	3,525	3,775	4,117	16,565	3.3%
Electrical & Electronic Eng	5,916	2,494	4,943	2,781	16,134	3.2%
Inst. of Biomedical Eng	0	5	0	20	25	0.0%
Inst. for Security Sci. & Tech.	268	31	34	41	374	0.1%
Materials	2,763	2,032	4,165	5,509	14,469	2.9%
Mechanical Eng	5,522	3,176	3,181	3,880	15,759	3.2%
Engineering HQ	2,627	922	462	714	4,725	0.9%
Faculty of Medicine	66,937	15,188	80,715	64,706	227,546	45.6%
Department of Medicine	21,563	4,139	30,499	20,339	76,540	15.3%
Department of Surgery & Cancer	11,934	2,337	18,325	11,735	44,331	8.9%
Inst. of Clinical Sciences	1,115	974	2,722	2,630	7,441	1.5%
Inst. of Global Health	368	355	44	1,096	1,863	0.4%
National Heart and Lung Inst.	13,350	3,068	16,834	14,091	47,343	9.5%
School of Public Health	7,442	1,694	11,984	12,790	33,910	6.8%
Medicine HQ	11,165	2,621	307	2,025	16,118	3.2%
Faculty of Natural Sciences	37,867	18,478	32,209	20,730	109,284	21.9%
Centre for Environmental Policy	1,351	531	1,750	925	4,557	0.9%
Chemistry	5,416	3,443	5,878	5,485	20,222	4.1%
Climate KIC ¹	1,000	1,711	0	0	2,711	0.5%
Grantham Inst. for Climate Change	105	260	856	368	1,589	0.3%
Life Sciences	8,992	3,459	10,272	6,069	28,792	5.8%
Mathematics	7,146	1,763	2,970	1,176	13,055	2.6%
Physics	11,476	6,518	10,468	6,707	35,169	7.0%
Natural Sciences HQ	2,381	793	15	0	3,189	0.6%
Business School	14,652	7,838	2,301	743	25,534	5.1%
Non-Faculty²	3,371	671	221	261	4,524	0.9%
Total	166,249	63,908	149,150	119,938	499,245	100%

¹ This covers the management and co-ordination costs only. Climate KIC associated research grants are recognised in other academic departments across the College.

² Includes Continuing Education plus individual research projects accounted for in non-faculty areas.

Research grants and contracts income 2012–13

	Research councils £k	UK charities £k	UK gov., incl. health auths. £k	UK industry £k	EU and overseas industry £k	EU government bodies ¹ £k	Other £k	Total £k
Faculty of Engineering	33,046	7,240	4,912	14,113	14,129	15,045	2,779	91,264
Aeronautics	2,128	83	286	484	133	844	19	3,977
Bioengineering	1,848	2,249	593	104	16	1,071	601	6,482
Chemical Eng	4,633	136	383	2,429	5,087	2,363	58	15,088
Civil & Environmental Eng	1,300	1,244	129	3,051	206	1,148	223	7,301
Computing	4,735	1,122	193	896	364	3,375	86	10,770
Earth Science & Eng	3,263	198	277	2,096	6,058	780	241	12,914
Electrical & Electronic Eng	3,660	1,063	1,385	1,002	136	2,772	645	10,664
Inst. of Biomedical Eng	0	15	0	0	0	0	0	15
Inst. for Security Sci. & Tech.	58	0	143	0	0	0	28	230
Materials	7,171	342	590	1,382	409	1,794	718	12,406
Mechanical Eng	3,480	608	903	2,286	1,716	880	161	10,033
Engineering HQ	770	182	29	383	3	18	0	1,384
Faculty of Medicine	26,765	51,439	40,079	6,048	7,098	11,029	20,726	163,184
Department of Medicine	10,030	20,427	13,929	1,896	1,185	3,990	4,698	56,156
Department of Surgery & Cancer	4,043	11,852	10,562	1,256	1,796	2,152	1,415	33,076
Inst. of Clinical Sciences	3,185	728	1,007	0	0	1,279	122	6,320
Inst. of Global Health	0	181	0	780	65	0	113	1,140
National Heart and Lung Inst.	5,397	15,184	5,784	1,500	2,366	1,919	3,211	35,360
School of Public Health	3,147	2,175	8,624	560	1,565	1,689	11,069	28,829
Medicine HQ	965	893	174	55	120	0	97	2,304
Faculty of Natural Sciences	39,463	7,137	3,890	2,614	1,914	9,585	5,362	69,965
Centre for Environmental Policy	857	14	898	207	106	421	677	3,181
Chemistry	8,121	990	501	1,051	1,059	2,716	442	14,880
Grantham Inst. for Climate Change	122	0	38	16	0	9	1,132	1,316
Life Sciences	10,038	4,684	270	562	578	2,609	2,167	20,908
Mathematics	3,643	248	114	337	0	1,461	33	5,835
Physics	16,668	1,201	2,069	441	171	2,370	910	23,831
Natural Sciences HQ	15	0	0	0	0	0	0	15
Business School	3,004	206	386	382	54	375	153	4,560
Non-Faculty²	83	368	0	0	0	23	0	475
Total	102,362	66,391	49,266	23,157	23,195	36,058	29,019	329,448

¹ Includes the European Commission.

² Includes CHoSTM and the Centre for Co-Curricular Studies plus other research grants and contracts income accounted for in non-faculty areas.

Notes

These statistics are the latest available and an element of judgement has been involved in selecting and presenting the figures. They cover various periods and comparisons should be made with care. Numbers have been rounded as appropriate.

The front cover shows the number of research outputs authored by staff at the College between 2009 and 2013 and indicates whether these outputs were co-authored outside the UK (stacked column chart). Academic and research staff FTE on 31 December of each year has also been plotted (line graphs) to provide context. Research outputs data are sourced from the Web of Science and have been reproduced under licence from Thomson Reuters. Data may not be copied or redistributed in whole or in part without the written consent of the Science business of Thomson Reuters.

The inside cover graph shows the top 5 countries with which the College's staff co-authored research outputs in 2013. Research outputs data are sourced from the Web of Science and have been reproduced under licence from Thomson Reuters. Data may not be copied or redistributed in whole or in part without the written consent of the Science business of Thomson Reuters.

Financial data are for the year ending 31 July 2013.

Staff numbers are as recorded on 31 December 2013, and FTE staff numbers are calculated according to actual contracted time.

Student numbers are as recorded on 31 December 2013 unless otherwise stated.

Full-time equivalent (FTE) student numbers include part-time students counted *pro-rata* to full-time.

Home and EU (H/EU) = students from the UK and European Union.
Overseas (O/S) = students from non-EU countries.

MRes students are counted as postgraduate research (PGR) from 2010-11 entry onwards.

From 1 August 2010, members of the Institute of Biomedical Engineering were employed by one or more home department.

All statistics regarding the MSc in Sustainable Energy Futures are shown under the Energy Futures Lab.

Departments have been named in full wherever possible. Exceptions are as follows:

- CHoSTM is the Centre for History of Science, Technology & Medicine.
- Climate KIC is the Climate Knowledge and Innovation Community.

Numbers for the Centre for Co-Curricular Studies include Science Communication. CHoSTM transferred to King's College London with effect from August 2013. The Translation Studies Unit transferred to University College London with effect from October 2013.

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