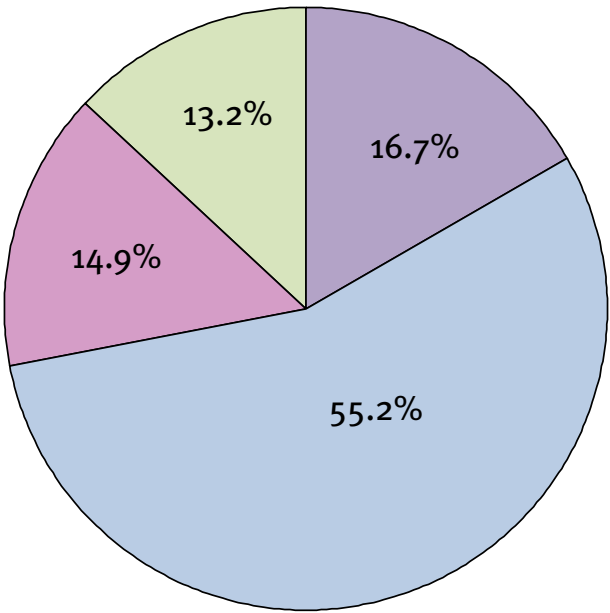


Statistics Pocket Guide 2009–10

Breakdown of how academic staff
spent their time in 2009



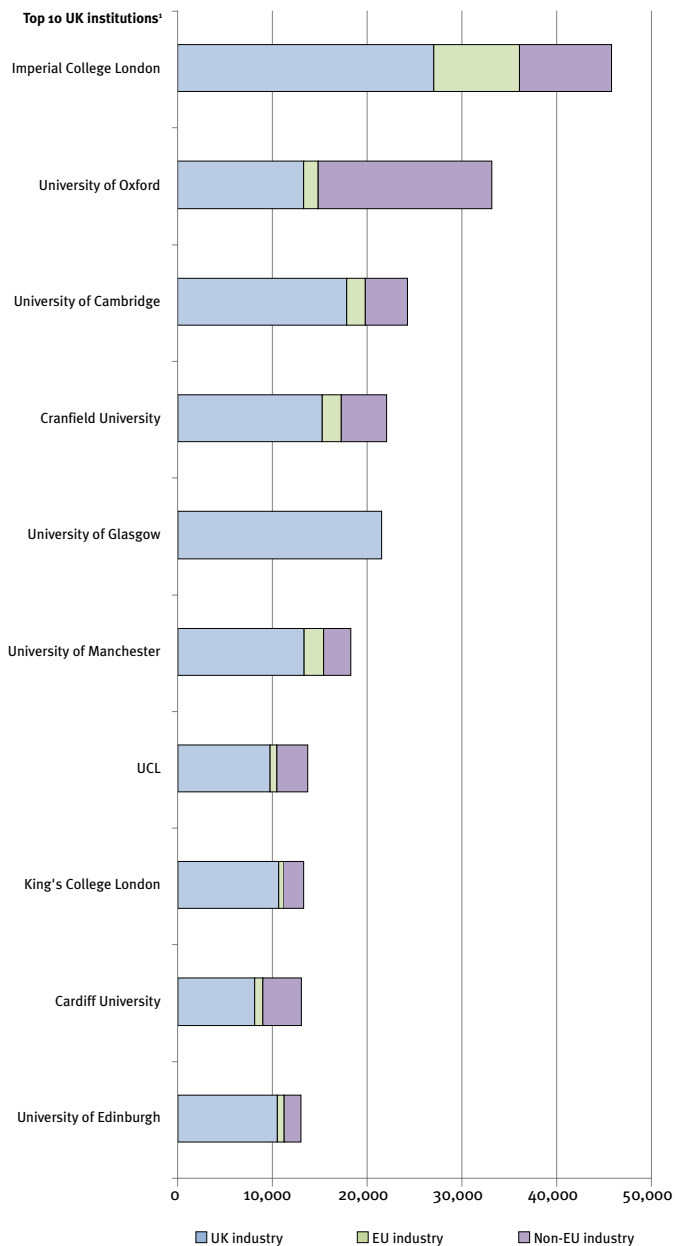
Teaching

Research

Professional activities

Administration

Research income from industrial sources (£K) in 2008–09



¹ Ordered by total research income from industrial sources

Full-time student numbers

	Home/EU	Overseas	Female	Male	Total	New entrants
2009–10 full-time student numbers¹						
Undergraduate	6,367	2,241	2,960	5,648	8,608	2,478
Taught postgraduate	1,489	1,003	985	1,507	2,492	2,399
Research postgraduate	1,683	690	884	1,489	2,373	618
Total full-time students	9,539	3,934	4,829	8,644	13,473	5,495

2009–10 percentage breakdown²

Undergraduate	47.3%	16.6%	22.0%	41.9%	63.9%	18.4%
Taught postgraduate	11.1%	7.4%	7.3%	11.2%	18.5%	17.8%
Research postgraduate	12.5%	5.1%	6.6%	11.1%	17.6%	4.6%
Total full-time students	70.8%	29.2%	35.8%	64.2%	100.0%	40.8%

2008–09 Full-time student numbers¹

Undergraduate	6,325	2,229	2,936	5,618	8,554	2,515
Taught postgraduate	1,282	916	905	1,293	2,198	2,112
Research postgraduate	1,578	689	852	1,415	2,267	441
Total full-time students	9,185	3,834	4,693	8,326	13,019	5,068

Percentage change over one year

Undergraduate	0.7%	0.5%	0.8%	0.5%	0.6%	-1.5%
Taught postgraduate	16.1%	9.5%	8.8%	16.6%	13.4%	13.6%
Research postgraduate	6.7%	0.1%	3.8%	5.2%	4.7%	40.1%
Total full-time students	3.9%	2.6%	2.9%	3.8%	3.5%	8.4%

Percentage change over five years

Undergraduate	6.6%	19.8%	1.7%	14.5%	9.8%	3.6%
Taught postgraduate	54.6%	73.5%	58.4%	64.0%	61.7%	56.4%
Research postgraduate	33.9%	35.0%	50.1%	26.3%	34.2%	10.8%
Total full-time students	16.4%	33.0%	17.2%	22.9%	20.8%	22.5%

¹ New entrants include Imperial graduates returning for higher degrees.

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

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

Numbers exclude 361 postgraduate research students who are writing up.

Part-time student numbers

	Home/EU	Overseas	Female	Male	Total	New entrants
2009–10 part-time student numbers¹						
Taught postgraduate	481	82	230	333	563	317
Research postgraduate	410	121	219	312	531	53
Total part-time students	891	203	449	645	1,094	370

2009–10 percentage breakdown²

Taught postgraduate	44.0%	7.5%	21.0%	30.4%	51.5%	29.0%
Research postgraduate	37.5%	11.1%	20.0%	28.5%	48.5%	4.8%
Total part-time students	81.4%	18.6%	41.0%	59.0%	100.0%	33.8%

2008–09 part-time student numbers¹

Taught postgraduate	434	66	203	297	500	256
Research postgraduate	380	114	213	281	494	54
Total part-time students	814	180	416	578	994	310

Percentage change over one year

Taught postgraduate	10.8%	24.2%	13.3%	12.1%	12.6%	23.8%
Research postgraduate	7.9%	6.1%	2.8%	11.0%	7.5%	-1.9%
Total part-time students	9.5%	12.8%	7.9%	11.6%	10.1%	19.4%

Percentage change over five years

Taught postgraduate	15.3%	49.1%	16.8%	21.1%	19.3%	81.1%
Research postgraduate	26.2%	13.1%	25.9%	20.9%	22.9%	82.8%
Total part-time students	20.1%	25.3%	21.0%	21.0%	21.0%	81.4%

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.

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 2009–10

	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	3,487.0	1,014.0	63.0	1,077.0	957.0	32.2	989.2	5,553.2	4.3%	24.4%
Aeronautics	297.0	59.0	2.5	61.5	78.0	1.5	79.5	438.0	7.2%	12.6%
Bioengineering	209.0	61.0	2.5	63.5	62.0	0.0	62.0	334.5	16.6%	79.8%
Chemical Eng/Technology	500.0	164.0	12.0	176.0	58.0	0.0	58.0	734.0	4.1%	21.2%
Civil/Environmental Eng	397.0	110.0	7.0	117.0	196.0	28.8	224.8	738.8	-2.3%	17.3%
Computing	416.0	110.0	12.0	122.0	136.0	0.7	136.7	674.7	5.9%	13.5%
Earth Science/Eng	203.0	113.0	5.5	118.5	172.0	0.0	172.0	493.5	8.7%	51.1%
Electrical/Electronic Eng	624.0	156.0	10.0	166.0	94.0	0.0	94.0	884.0	2.6%	8.3%
Energy Futures Lab	0.0	0.0	0.0	0.0	54.0	0.0	54.0	54.0	58.8%	n/a
Materials	247.0	107.0	2.0	109.0	2.0	0.0	2.0	358.0	-0.6%	44.4%
Mechanical Engineering	594.0	134.0	9.5	143.5	105.0	1.2	106.2	843.7	2.6%	27.5%
Faculty of Medicine	2,069.0	544.0	171.0	715.0	320.0	102.2	422.2	3,206.2	6.2%	17.2%
Faculty of Natural Sciences	3,052.0	739.0	25.0	764.0	571.0	7.0	578.0	4,394.0	1.4%	13.6%
Centre for Environmental Policy ¹	2.0	27.0	4.5	31.5	132.0	0.5	132.5	166.0	-43.2%	-29.4%
Chemistry	467.0	178.0	1.5	179.5	51.0	0.0	51.0	697.5	2.6%	42.9%
Life Sciences ²	944.0	198.0	6.0	204.0	189.0	1.0	190.0	1,338.0	-0.5%	43.4%
Mathematics	799.0	105.0	9.5	114.5	83.0	2.5	85.5	999.0	8.1%	13.4%
Physics	840.0	231.0	3.5	234.5	116.0	3.0	119.0	1,193.5	9.1%	26.6%
Business School	0.0	62.0	2.0	64.0	540.0	98.7	638.7	702.7	3.6%	81.3%
Non-Faculty	0.0	14.0	4.5	18.5	104.0	23.3	127.3	145.8	4.7%	15.0%
Humanities	0.0	14.0	4.5	18.5	83.0	13.0	96.0	114.5	-11.2%	0.9%
Educational Development	0.0	0.0	0.0	0.0	0.0	10.3	10.3	10.3	210.3%	41.6%
INSPIRE	0.0	0.0	0.0	0.0	14.0	0.0	14.0	14.0	1300.0%	n/a
Sabbatical Officers	0.0	0.0	0.0	0.0	7.0	0.0	7.0	7.0	16.7%	16.7%
Total	8,608.0	2,373.0	265.5	2,638.5	2,492.0	263.4	2,755.4	14,001.9	3.7%	20.9%

¹ Centre for Environmental Policy undergraduates are students studying Applied Business Management, which is no longer offered to new entrants.

² UG numbers include students enrolled on the BSc and MSci in Biomedical Science (run jointly with the Faculty of Medicine).

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 Postdocs In Research and Education.

Full-time equivalent (FTE) staff numbers and student:staff ratios 2009–10

	Academic staff	Research staff	Support staff	Total staff	Student load	Student:staff ratio
Faculty of Engineering	322	531	307	1,161	5,076	15.7 : 1
Aeronautics	21	18	18	57	371	17.5 : 1
Bioengineering	18	31	14	63	272	15.2 : 1
Chemical Eng/Technology	35	66	33	134	648	18.6 : 1
Civil/Environmental Eng	39	48	38	126	671	17.1 : 1
Computing	50	90	29	169	708	14.2 : 1
Earth Science/Eng	42	67	24	133	493	11.6 : 1
Electrical/Electronic Eng	35	68	31	134	713	20.2 : 1
Energy Futures Lab	0	0	0	0	9	n/a
Inst. of Biomedical Eng	5	30	12	47	61	11.3 : 1
Materials	26	54	23	102	365	14.0 : 1
Mechanical Engineering	43	58	41	142	766	17.9 : 1
Engineering Headquarters	8	2	44	54	0	n/a
Faculty of Medicine	503	956	954	2,414	3,253	6.5 : 1
Faculty of Natural Sciences	337	555	319	1,211	4,279	12.7 : 1
Centre for Environmental Policy	15	28	15	58	183	12.1 : 1
Chemistry	44	86	35	165	632	14.5 : 1
Grantham Inst. for Climate Change	5	7	3	15	8	1.8 : 1
Inst. for Mathematical Sciences	1	5	2	8	1	2.3 : 1
Inst. for Security Science/Tech	1	1	2	4	0	n/a
Life Sciences	96	195	107	398	1,155	12.1 : 1
Mathematics	69	37	12	118	1,170	16.9 : 1
Physics	105	195	106	406	1,128	10.7 : 1
Natural Sciences Headquarters	2	0	38	40	0	n/a
Business School	51	37	79	167	996	19.4 : 1
Non-Faculty	15	2	39	56	286	18.6 : 1
Humanities	12	2	35	49	273	22.3 : 1
Educational Development	3	0	4	7	13	4.2 : 1
Central Services	11	3	1,343	1,356	0	n/a
Total	1,240	2,082	3,042	6,364	13,889	11.2 : 1

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.

Short courses are excluded. Occasional student load is included.

Staff numbers are inclusive of all sources of funding.

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

Applications and admissions – undergraduate¹

	Applications received during 2008–09			New admissions 2009–10	Applications: admissions ratio for 2009 entry	Average A level score on entry ²	Average Tariff score on entry ³
	H/EU	O/S	Total				
Faculty of Engineering	3,186	2,453	5,639	1,013	5.6 : 1	29.7	511
Aeronautics	395	260	655	87	7.5 : 1	29.9	515
Bioengineering	129	133	262	68	3.9 : 1	29.2	488
Chemical Eng/Technology	372	393	765	124	6.2 : 1	29.9	516
Civil/Environmental Eng	480	261	741	110	6.7 : 1	29.9	528
Computing	553	222	775	139	5.6 : 1	29.6	519
Earth Science/Eng	209	52	261	62	4.2 : 1	29.2	495
Electrical/Electronic Eng	279	450	729	172	4.2 : 1	29.9	500
Materials	148	170	318	80	4.0 : 1	28.8	486
Mechanical Engineering	621	512	1,133	171	6.6 : 1	29.8	528
Faculty of Medicine	2,203	480	2,683	400	6.7 : 1	29.7	526
Faculty of Natural Sciences	3,633	1,598	5,231	917	5.7 : 1	29.7	527
Chemistry	463	174	637	131	4.9 : 1	29.8	505
Life Sciences ⁴	1,157	517	1,674	287	5.8 : 1	29.5	497
Mathematics	1,068	737	1,805	268	6.7 : 1	29.8	548
Physics	945	170	1,115	231	4.8 : 1	29.9	549
Total	9,022	4,531	13,553	2,329	5.8 : 1	29.7	520

¹ Applications and admissions as at October 2009.

² A level scores are based on the best three grades; with A=10, B=8, C=6, D=4 and E=2.

³ The method in calculating the average tariff scores has changed since last year and now includes all qualifications that fall within the UCAS tariff points system.

⁴ Numbers include students enrolled on the BSc and MSci in Biomedical Science (run jointly with the Faculty of Medicine).

Registrations are for years one and two only.

Mathematics and Computing applications and admissions are split 50:50 between the Departments of Mathematics and of Computing.

Electrical and Electronic Engineering includes Information Systems Engineering.

Numbers exclude occasional students.

Applications and admissions – postgraduate ¹

	Applications received during 2008–09			New admissions 2009–10 ²			Applications: admissions ratio for 2009 entry
	Taught	Research	Total	Taught	Research	Total	Total
Faculty of Engineering	6,266	1,851	8,117	947	289	1,236	6.3 : 1
Aeronautics	207	107	314	79	17	96	3.3 : 1
Bioengineering	234	85	319	61	11	72	4.4 : 1
Chemical Eng/Technology	344	258	602	56	48	104	5.8 : 1
Civil/Environmental Eng	1,384	186	1,570	220	31	251	6.3 : 1
Computing	1,216	191	1,407	136	37	173	8.1 : 1
Earth Science/Eng	1,315	322	1,637	171	32	203	8.1 : 1
Electrical/Electronic Eng	891	328	1,219	93	53	146	8.3 : 1
Energy Futures Lab	305	0	305	54	0	54	n/a
Inst. of Biomedical Eng	0	30	30	0	0	0	n/a
Materials	3	136	139	1	27	28	5.0 : 1
Mechanical Engineering	367	208	575	76	33	109	5.3 : 1
Faculty of Medicine	1,799	509	2,308	463	147	610	3.8 : 1
Faculty of Natural Sciences	2,450	1,104	3,554	565	208	773	4.6 : 1
Centre for Environmental Policy	477	52	529	133	7	140	3.8 : 1
Chemistry	209	186	395	49	52	101	3.9 : 1
Life Sciences	652	234	886	190	51	241	3.7 : 1
Mathematics	736	213	949	85	34	119	8.0 : 1
Physics	376	419	795	108	64	172	4.6 : 1
Business School	3,558	309	3,867	619	24	643	6.0 : 1
Non-Faculty	448	16	464	122	3	125	3.7 : 1
Humanities	385	16	401	98	3	101	4.0 : 1
Educational Development	63	0	63	24	0	24	2.6 : 1
Total	14,521	3,789	18,005	2,716	671	3,387	5.3 : 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.

Degrees awarded

Undergraduate

	2009				2008	
	First	2:1	Total ¹	% First/2:1	Total ¹	% First/2:1
Faculty of Engineering	255	376	815	77.4%	822	75.7%
Aeronautics	25	26	70	72.9%	68	70.6%
Bioengineering	21	16	49	75.5%	53	73.6%
Chemical Eng/Technology	37	59	106	90.6%	131	82.4%
Civil/Environmental Eng	21	51	84	85.7%	79	84.8%
Computing	34	40	91	81.3%	93	62.4%
Earth Science/Eng	10	30	50	80.0%	43	81.4%
Electrical/Electronic Eng	54	62	149	77.9%	143	83.9%
Materials	18	28	76	60.5%	71	57.7%
Mechanical Engineering	35	64	140	70.7%	141	75.2%
Faculty of Medicine	77	225	627	n/a	687	n/a
Medicine – Intercolated BSc	77	225	327	92.4%	305	93.8%
Medicine – MBBS	n/a	n/a	300	n/a	382	n/a
Faculty of Natural Sciences	216	353	838	67.9%	889	61.5%
Applied Business Mgmt	16	36	119	43.7%	141	36.9%
Chemistry	23	40	88	71.6%	101	62.4%
Life Sciences	35	141	243	72.4%	239	70.7%
Mathematics	62	67	207	62.3%	221	57.0%
Physics	80	69	181	82.3%	187	73.3%
Total	548	954	2,280	75.9%	2,398	69.6%

Postgraduate

				% Change over	% Change over
	2009	2008	2004	1 year	5 years
PhD/DSc/MD/MS	681	607	531	12.2%	28.2%
MSc/MEd/MBA/MRes/MPH	1,827	1,807	1,369	1.1%	33.5%
MPhil	5	13	2	-61.5%	150.0%
CAS/DIC	55	48	n/a	14.6%	n/a
Total	2,568	2,475	1,902	3.8%	35.0%

¹ Does not include Imperial College International Diploma (ICID), awarded to some occasional students. The method in calculating the overall College percentage of first class and 2:1 degrees awarded has changed since last year; MBBS students are no longer included in the total as they can only receive pass grade.

Academic expenditure 2008–09

	General funds		Research grants and contracts		Total £k	% of total
	Staff £k	Other £k	Staff £k	Other £k		
Faculty of Engineering	37,377	14,822	24,268	18,580	95,047	22.3%
Aeronautics	2,125	440	1,078	613	4,256	1.0%
Bioengineering	1,846	538	1,075	599	4,058	1.0%
Chemical Eng/Technology	4,272	2,216	2,764	3,084	12,336	2.9%
Civil/Environmental Eng	4,409	1,155	2,494	1,941	9,999	2.3%
Computing	5,319	1,536	4,353	1,787	12,995	3.0%
Earth Science/Eng	3,969	2,797	2,916	1,931	11,613	2.7%
Electrical/Electronic Eng	5,317	1,415	2,373	1,568	10,673	2.5%
Inst. of Biomedical Eng	0	770	2,322	1,330	4,422	1.0%
Materials	2,666	1,145	2,114	2,666	8,591	2.0%
Mechanical Engineering	4,856	2,307	2,387	2,751	12,301	2.9%
Engineering Headquarters	2,598	503	392	310	3,803	0.9%
Faculty of Medicine	61,205	14,677	73,940	70,047	219,869	51.6%
Clinical Sciences	1,082	800	2,727	1,805	6,414	1.5%
EPHPC	4,606	1,949	6,468	7,461	20,484	4.8%
Investigative Science	7,206	1,626	13,291	9,750	31,873	7.5%
Kennedy Inst.	1,349	584	5,783	3,539	11,255	2.6%
Medicine	8,011	1,508	11,216	14,868	35,603	8.4%
National Heart and Lung Inst.	12,279	1,526	15,880	20,970	50,655	11.9%
Neuroscience/Mental Health	5,252	379	4,792	1,966	12,389	2.9%
SORA	9,663	1,561	13,749	7,262	32,235	7.6%
Medicine Headquarters	11,757	4,744	34	2,426	18,961	4.4%
Faculty of Natural Sciences	35,567	10,429	26,317	17,729	90,042	21.1%
Centre for Environmental Policy	1,433	2,460	1,302	660	5,855	1.4%
Chemistry	5,155	2,453	3,039	3,189	13,836	3.2%
Grantham Inst. for Climate Change	0	-68	673	526	1,131	0.3%
Inst. for Mathematical Sciences	165	97	248	217	727	0.2%
Life Sciences	8,527	1,594	9,724	6,405	26,250	6.2%
Mathematics	5,988	641	1,452	546	8,627	2.0%
Physics	10,271	1,715	9,879	5,985	27,850	6.5%
Natural Sciences Headquarters	4,028	1,537	0	201	5,766	1.4%
Business School	9,680	5,081	1,499	1,066	17,326	4.1%
Non-Faculty	3,136	414	143	226	3,919	0.9%
Humanities	2,631	49	85	126	2,891	0.7%
Other ¹	505	365	58	100	1,028	0.2%
Total	146,965	45,423	126,167	107,648	426,203	100%

¹ Other includes the Centre for Educational Development and Continuing Education plus individual research projects in Corporate Affairs, Human Resources and the Library.
As the data denote the expenditure for 2008–09 the Faculty of Medicine divisions are shown as at 2008–09.

Research grants and contracts income 2008–09

	Research councils £k	UK charities £k	UK Government health auths. £k	UK industry £k	European Commission £k	Other £k	Total £k
Faculty of Engineering	30,487	3,525	4,314	9,537	6,013	7,105	60,981
Aeronautics	1,507	176	203	332	275	62	2,554
Bioengineering	1,048	295	289	502	10	310	2,453
Chemical Eng/Technology	4,803	176	366	1,347	713	1,109	8,514
Civil/Environmental Eng	2,661	320	709	1,526	419	572	6,207
Computing	5,801	176	481	779	1,940	389	9,567
Earth Science/Eng	2,639	-65	419	954	384	2,485	6,817
Electrical/Electronic Eng	3,478	65	533	725	884	477	6,162
Inst. of Biomedical Eng	1,274	1,707	204	198	75	863	4,322
Materials	4,012	367	613	577	671	127	6,367
Mechanical Engineering	2,893	291	623	2,596	502	711	7,617
Engineering Headquarters	372	16	-126	0	140	0	401
Faculty of Medicine	30,002	60,446	21,976	14,902	5,424	28,869	161,618
Clinical Sciences	1,529	1,963	665	1	370	452	4,980
EPHPC	2,104	1,891	2,758	839	1,273	7,411	16,277
Investigative Science	4,968	8,742	4,541	927	1,289	5,153	25,619
Kennedy Inst.	711	7,647	368	187	355	667	9,936
Medicine	10,238	7,034	3,281	1,328	500	6,452	28,833
National Heart and Lung Inst.	4,117	19,204	1,971	9,161	882	5,565	40,899
Neuroscience/Mental Health	1,888	2,786	2,063	356	145	1,025	8,264
SORA	2,805	9,480	6,271	2,103	608	2,098	23,365
Medicine Headquarters	1,640	1,699	58	0	0	47	3,444
Faculty of Natural Sciences	38,898	6,605	3,109	1,861	3,759	5,685	59,916
Centre for Environmental Policy	1,052	22	672	239	450	255	2,690
Chemistry	6,138	865	78	824	343	200	8,448
Grantham Inst. for Climate Change	0	0	0	0	0	1,199	1,199
Inst. for Mathematical Sciences	0	223	-3	244	0	0	465
Life Sciences	11,232	4,983	911	212	1,330	2,363	21,031
Mathematics	2,237	67	57	152	296	97	2,905
Physics	18,390	243	1,394	191	1,340	1,572	23,130
Natural Sciences Headquarters	-152	201	0	0	0	0	49
Business School	2,695	90	161	826	54	73	3,900
Non-Faculty	49	253	90	0	5	0	397
Humanities	49	167	0	0	0	0	216
Other ¹	0	86	90	0	5	0	181
Total	102,131	70,918	29,650	27,126	15,255	41,732	286,812

¹ Other includes Corporate Affairs, Human Resources and the Library.

As the data denote the income for 2008–09 the Faculty of Medicine divisions are shown as at 2008–09.

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 Imperial College London academic staff time broken down into teaching, research, professional activities and other. This is based on the Imperial College London 2009 academic staff time survey (TOAST).

The inside cover shows the research income from industrial sources for the top 10 UK higher education institutions. The data have been sourced from the Higher Education Statistics Agency (HESA) Finance Statistics Return (FSR).

Financial data are for the year ending 31 July 2009.

Staff numbers are as recorded on 31 December 2009, and FTE staff numbers are calculated according to actual contracted time.

Student numbers are as recorded on 31 December 2009 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.

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

- CHoSTM is the Centre for History of Science, Technology and Medicine.
- EPHPC is the Division of Epidemiology, Public Health and Primary Care.
- SORA is the Division of Surgery, Oncology, Reproductive Biology and Anaesthetics.

Life Sciences comprises the Divisions of Biology, Cell and Molecular Biology, and Molecular Biosciences. Numbers for Humanities include CHoSTM, Science Communication and Translation Studies.

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

Issued by

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