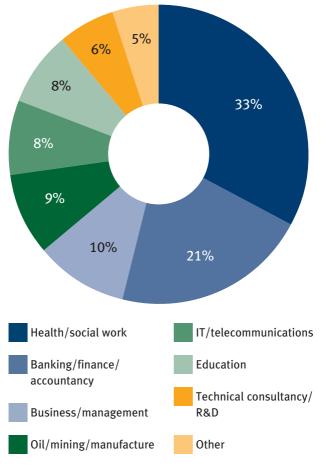
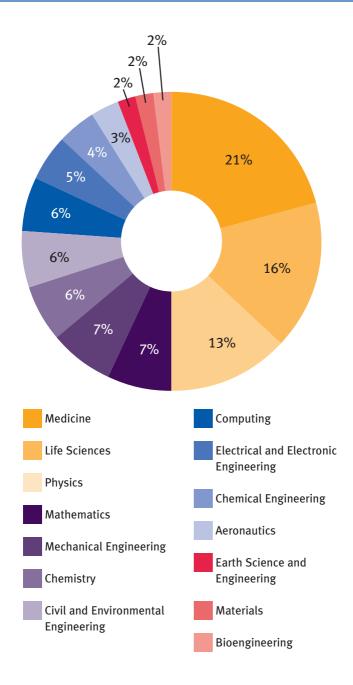
Imperial College London

Statistics Pocket Guide 2011–12

Employment by sector of Imperial College London Home/EU undergraduate leavers in 2011



Other includes agriculture, utilities and transport, public administration/defence and other.



	Home/EU	Overseas	Female	Male	Total	New entrants
2011–12 full-time studen	t numbers	i ¹				
Undergraduate	6,635	2,445	3,116	5,964	9,080	2,618
Taught postgraduate	1,391	1,110	1,062	1,439	2,501	2,426
Research postgraduate	2,015	746	1,029	1,732	2,761	882
Total full-time students	10,041	4,301	5,207	9,135	14,342	5,926
2011–12 percentage brea	kdown ²					
Undergraduate	46.3%	17.0%	21.7%	41.6%	63.3%	18.3%
Taught postgraduate	9.7%	7.7%	7.4%	10.0%	17.4%	16.9%
Research postgraduate	14.0%	5.2%	7.2%	12.1%	19.3%	6.1%
Total full-time students	70.0%	30.0%	36.3%	63.7%	100.0%	41.3%
2010–11 full-time studen	t numbers	1				
Undergraduate	6,530	2,355	3,022	5,863	8,885	2,531
Taught postgraduate	1,341	1,067	1,015	1,393	2,408	2,053
Research postgraduate	1,924	747	998	1,673	2,671	817
Total full-time students	9,795	4,169	5,035	8,929	13,964	5,401
Percentage change over	one year					
Undergraduate	1.6%	3.8%	3.1%	1.7%	2.2%	3.4%
Taught postgraduate	3.7%	4.0%	4.6%	3.3%	3.9%	18.2%
Research postgraduate	4.7%	-0.1%	3.1%	3.5%	3.4%	8.0%
Total full-time students	2.5%	3.2%	3.4%	2.3%	2.7%	9.7%
Percentage change over	five years					
Undergraduate	9.3%	7.3%	2.7%	12.3%	8.8%	11.8%
Taught postgraduate	40.4%	44.5%	50.6%	36.5%	42.2%	39.1%
Research postgraduate	39.9%	27.7%	39.1%	34.9%	36.4%	56.7%
Total full-time students	18.1%	18.5%	16.3%	19.4%	18.2%	27.5%

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 324 postgraduate research students who are writing up.

	Home/EU	Overseas	Female	Male	Total	New entrants
2011–12 part-time studer	nt number	S¹				
Taught postgraduate	563	66	267	362	629	317
Research postgraduate	483	117	253	347	600	98
Total part-time students	1,046	183	520	709	1,229	415
2011–12 percentage brea	kdown²					
Taught postgraduate	45.8%	5.4%	21.7%	29.5%	51.2%	25.8%
Research postgraduate	39.3%	9.5%	20.6%	28.2%	48.8%	8.0%
Total part-time students	85.1%	14.9%	42.3%	57.7%	100.0%	33.8%
2010–11 part-time stude	nt number	S¹				
Taught postgraduate	589	85	278	396	674	294
Research postgraduate	454	123	234	343	577	79
Total part-time students	1,043	208	512	739	1,251	373
Percentage change over	one year					
Taught postgraduate	-4.4%	-22.4%	-4.0%	-8.6%	-6.7%	7.8%
Research postgraduate	6.4%	-4.9%	8.1%	1.2%	4.0%	24.1%
Total part-time students	0.3%	-12.0%	1.6%	-4.1%	-1.8%	11.3%
Percentage change over	five years					
Taught postgraduate	56.8%	57.1%	76.8%	44.8%	56.9%	39.6%
Research postgraduate	26.1%	5.4%	37.5%	11.9%	21.5%	180.0%
Total part-time students	41.0%	19.6%	55.2%	26.6%	37.3%	58.4%

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 28 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 2011-12

	UG	Р	G Researc	:h		PG Taugh	t	Total		ange al over
		Full-time	Part-time	Total	Full-time	Part-time	Total	UG/PG	1 year	5 years
Faculty of Engineering	3,817.0	1,092.0	62.5	1,154.5	1,053.0	20.7	1,073.7	6,045.2	4.0%	23.7%
Aeronautics	343.0	60.0	2.0	62.0	91.0	3.0	94.0	499.0	12.5%	22.5%
Bioengineering	260.0	77.0	1.5	78.5	91.0	0.0	91.0	429.5	17.3%	81.6%
Chemical Eng	532.0	136.0	15.5	151.5	66.0	0.0	66.0	749-5	-3.4%	14.6%
Civil & Environmental Eng	365.0	125.0	8.0	133.0	238.0	16.3	254.3	752.3	-2.7%	15.3%
Computing	471.0	148.0	9.5	157.5	134.0	1.0	135.0	763.5	6.5%	32.8%
Earth Science & Eng	278.0	132.0	4.5	136.5	154.0	0.0	154.0	568.5	13.2%	41.6%
Electrical & Electronic Eng	657.0	159.0	13.0	172.0	105.0	0.0	105.0	934.0	3.6%	9.4%
Energy Futures Lab	0.0	0.0	0.0	0.0	40.0	0.0	40.0	40.0	-7.0%	n/a
Materials	260.0	106.0	1.5	107.5	27.0	0.0	27.0	394-5	9.3%	12.6%
Mechanical Eng	651.0	149.0	7.0	156.0	107.0	0.3	107.3	914.3	-1.9%	21.1%
Faculty of Medicine	2,200.0	627.0	199.5	826.5	211.0	109.2	320.2	3,346.7	0.4%	14.5%
Faculty of Natural Sciences	3,063.0	967.0	32.0	999.0	470.0	12.0	482.0	4,544.0	1.8%	10.7%
Centre for Environmental Policy	0.0	28.0	4.5	32.5	130.0	0.5	130.5	163.0	-11.9%	-35.7%
Chemistry	507.0	235.0	3.0	238.0	5.0	5.7	10.7	755-7	7.3%	40.5%
Life Sciences ¹	754.0	253.0	10.0	263.0	156.0	0.3	156.3	1,173.3	-12.8%	-20.6%
Mathematics	894.0	119.0	8.0	127.0	91.0	2.0	93.0	1,114.0	14.6%	25.5%
Physics	908.0	332.0	6.5	338.5	88.0	3.5	91.5	1,338.0	6.5%	41.4%
Business School	0.0	58.0	2.5	60.5	661.0	116.9	777-9	838.4	12.1%	65.3%
Non-Faculty	0.0	17.0	3.5	20.5	106.0	26.0	132.0	152.5	-17.6%	13.0%
Humanities ²	0.0	17.0	3.5	20.5	91.0	14.0	105.0	125.5	-15.5%	-2.0%
Educational Development	0.0	0.0	0.0	0.0	0.0	12.0	12.0	12.0	-39.0%	1,100.0%
INSPIRE	0.0	0.0	0.0	0.0	8.0	0.0	8.0	8.0	-20.0%	n/a
Sabbatical officers	0.0	0.0	0.0	0.0	7.0	0.0	7.0	7.0	0.0%	16.7%
Total	9,080.0	2,761.0	300.0	3,061.0	2,501.0	284.8	2,785.8	14,926.8	2.6%	18.9%

UG numbers include students enrolled on the BSc and MSci in Biomedical Science (run jointly with the Faculty of Medicine). The percentage change in total over five years is calculated including undergraduates who were registered in the Centre for Environmental Policy in 2006-07.

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.

² The percentage change in total over five years is calculated including CHoSTM students who were registered in the Faculty of Natural Sciences in 2006–07.

	Academic staff	Research staff	Support staff	Total staff	Student load	Student:staff ratio
Faculty of Engineering	328	610	321	1,259	5,583	17.0 : 1
Aeronautics	23	25	18	66	447	19.5:1
Bioengineering	22	45	21	87	368	17.1:1
Chemical Eng	35	79	38	152	661	19.1 : 1
Civil & Environmental Eng	40	36	41	118	703	17.6 : 1
Computing	47	95	27	169	791	16.8 : 1
Earth Science & Eng	44	78	28	150	556	12.5:1
Electrical & Electronic Eng	45	105	36	186	781	17.5:1
Energy Futures Lab	0	0	0	0	15	n/a
Inst. for Security Sci. & Tech. ¹	1	0	2	3	3	1.9:1
Materials	27	69	22	118	415	15.5:1
Mechanical Eng	41	59	39	140	838	20.4:1
Engineering HQ	3	18	49	70	6	1.9:1
Faculty of Medicine	451	1,001	974	2,426	3,389	7.5:1
Faculty of Natural Sciences	325	554	324	1,203	4,441	13.7 : 1
Centre for Environmental Policy	14	28	19	62	175	12.8:1
Chemistry	46	109	42	196	695	15.2:1
Grantham Inst. for Climate Change	3	6	6	15	12	4.0:1
Life Sciences	73	190	101	364	1,147	15.7:1
Mathematics	71	41	15	127	1,187	16.8 : 1
Physics	117	179	95	390	1,225	10.5:1
Natural Sciences HQ	2	0	47	49	0	n/a
Business School	53	42	105	200	1,134	21.5 : 1
Non-Faculty	14	4	31	49	264	18.5 : 1
Humanities	12	4	27	43	248	20.6:1
Educational Development	2	0	4	6	16	7.3:1
Central Services	13	2	1,324	1,338	0	n/a
Total	1,184	2,213	3,079	6,476	14,811	12.5 : 1

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

¹ The Institute for Security Science and Technology moved from the Faculty of Natural Sciences to the Faculty of Engineering in 2011–12.

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.

Applications and admissions - undergraduate¹

		lications rece or 2011–12 ent		New admissions	Applications: admissions ratio for 2011	Average tariff
	H/EU	0/S	Total	2011–12	entry	entry ²
Faculty of Engineering	2,836	2,826	5,662	1,078	5.3:1	558
Aeronautics	333	257	590	117	5.0:1	548
Bioengineering	179	190	369	98	3.8:1	542
Chemical Eng	347	451	798	137	5.8:1	604
Civil & Environmental Eng	301	291	592	94	6.3:1	586
Computing	514	310	824	143	5.8:1	538
Earth Science & Eng	226	74	300	92	3.3:1	521
Electrical & Electronic Eng	266	520	786	164	4.8:1	548
Materials	144	197	341	80	4.3:1	539
Mechanical Eng	526	536	1,062	153	6.9:1	569
Faculty of Medicine	2,856	616	3,472	439	7.9:1	559
Faculty of Natural Sciences	3,355	1,999	5,354	953	5.6 : 1	566
Chemistry	453	252	705	147	4.8:1	529
Life Sciences ³	1,190	648	1,838	319	5.8:1	522
Mathematics	818	817	1,635	245	6.7:1	606
Physics	894	282	1,176	242	4.9:1	593
Total	9,047	5,440	14,487	2,470	5.9:1	561

Applications and admissions as at October 2011.

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. 2010 entry was the first year to include the new A* grade.

³ Numbers include students enrolled on the BSc and MSci in Biomedical Science (run jointly with the Faculty of Medicine).

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 - postgraduate¹

	Applications received for 2011–12 entry			Ne	w admissio 2011–12²	Applications: admissions ratio for 2011 entry	
_	Taught	Research	Total	Taught	Research	Total	Total
Faculty of Engineering	7,528	1,695	9,223	1,016	266	1,282	7.2:1
Aeronautics	262	75	337	86	13	99	3.4:1
Bioengineering	342	144	486	91	24	115	4.2:1
Chemical Eng	361	127	488	61	21	82	6.0:1
Civil & Environmental Eng	1,763	142	1,905	256	29	285	6.7:1
Computing	1,590	267	1,857	134	45	179	10.4:1
Earth Science & Eng	1,329	276	1,605	154	34	188	8.5:1
Electrical & Electronic Eng	1,030	316	1,346	104	40	144	9.3:1
Energy Futures Lab	378	0	378	40	0	40	9.5:1
Materials	148	146	294	25	27	52	5.7:1
Mechanical Eng	325	202	527	65	33	98	5.4:1
Faculty of Medicine	1,454	755	2,209	343	289	632	3.5:1
Faculty of Natural Sciences	2,179	1,456	3,635	472	384	856	4.2:1
Centre for Environmental Policy	407	41	448	130	4	134	3.3:1
Chemistry	42	308	350	10	95	105	3.3:1
Life Sciences	547	355	902	154	120	274	3.3:1
Mathematics	869	238	1,107	94	35	129	8.6:1
Physics	314	514	828	84	130	214	3.9:1
,		- ,					
Business School	5,185	201	5,386	767	10	777	6.9:1
Non-Faculty	479	48	527	110	8	118	4.5:1
Humanities	434	48	482	105	8	113	4.3:1
Educational Development	45	0	45	5	0	5	9.0:1
Total	16,825	4,155	20,980	2,708	957	3,665	5.7:1

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

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

Numbers exclude occasional students.

Application data include applications received up to the end of May 2012.

Undergraduate

MSc/MEd/MBA/MPH

MPhil

Total

CAS/DIC

	First	2.1	Total ¹	% First/2.1	Total¹	% First/2.1
Faculty of Engineering	327	377	843	83.5%	783	81.4%
Aeronautics	26	32	63	92.1%	66	81.8%
Bioengineering	16	29	55	81.8%	42	69.0%
Chemical Eng	52	53	115	91.3%	100	92.0%
Civil & Environmental Eng	29	65	111	84.7%	79	70.9%
Computing	49	28	98	78.6%	111	83.8%
Earth Science & Eng	18	26	46	95.7%	44	93.2%
Electrical & Electronic Eng	66	58	151	82.1%	140	77.9%
Materials	19	24	58	74.1%	68	69.1%
Mechanical Eng	52	62	146	78.1%	133	87.2%
Faculty of Medicine	02	224	679	n/a	682	n/a
Medicine – Intercalated BSc	93	234		92.1%		92.2%
Medicine – MBBS	93 n/a	234	355		348	
Medicille – MBB3	II/ d	n/a	324	n/a	334	n/a
Faculty of Natural Sciences	267	414	859	79.3%	791	71.4%
Chemistry	39	52	109	83.5%	103	64.1%
Life Sciences	54	219	320	85.3%	270	77.0%
Mathematics	62	73	209	64.6%	231	60.2%
Physics	112	70	221	82.4%	184	82.1%
Total	687	1,025	2,381	83.2%	2,256	79.2%
Postgraduate					% change over	% change over
	2011	2010	2006		1 year	5 years
PhD/DSc/MD/MD(Res)/EngD/MRes	1,010	861	562		17.3%	79.7%

2011

2010

2,433

11

48

3,502

2,063

7

60

2,991

1,516

2

50

2,130

17.9%

57.1%

-20.0%

60.5%

450.0%

-4.0%

17.1% 64.4%

¹ Does not include Imperial College International Diploma (ICID), awarded to some occasional students.

The 2010 total for the Faculty of Natural Sciences includes three students who were awarded degrees in Applied Business Management.

	Genera	l funds	h grants ntracts			
	Staff £k	Other £k	Staff £k	Other £k	Total £k	% of total
Faculty of Engineering	38,317	15,227	26,590	21,850	101,984	23.5%
Aeronautics	2,241	547	1,169	1,248	5,205	1.2%
Bioengineering	2,135	608	2,043	1,297	6,083	1.4%
Chemical Eng	4,256	2,179	3,314	3,351	13,100	3.0%
Civil & Environmental Eng	4,394	1,192	2,594	2,647	10,827	2.5%
Computing	5,091	1,585	4,054	918	11,648	2.7%
Earth Science & Eng	4,639	3,071	3,420	3,488	14,618	3.4%
Electrical & Electronic Eng	5,080	1,992	3,700	2,099	12,871	3.0%
Inst. of Biomedical Eng	91	217	25	148	481	0.1%
Materials	2,672	754	2,498	3,166	9,090	2.1%
Mechanical Eng	4,949	2,181	3,300	2,859	13,289	3.1%
Engineering HQ	2,769	901	473	629	4,772	1.1%
	., ,	,	., -		.,,	
Faculty of Medicine	62,464	11,090	83,859	58,646	216,059	49.8%
Inst. of Clinical Sciences	1,302	957	3,580	2,169	8,008	1.8%
School of Public Health	5,742	953	9,037	7,423	23,155	5.3%
Kennedy Inst.	1,861	862	5,362	2,322	10,407	2.4%
Department of Medicine	19,915	2,725	30,102	20,258	73,000	16.8%
National Heart and Lung Inst.	11,729	1,923	17,199	13,054	43,905	10.1%
Department of Surgery & Cancer	10,354	1,048	17,085	8,534	37,021	8.5%
Inst. of Global Health	528	77	1,272	925	2,802	0.6%
Medicine HQ	11,033	2,545	222	3,961	17,761	4.1%
					,	
Faculty of Natural Sciences	35,042	7,107	29,391	19,828	91,368	21.0%
Centre for Environmental Policy	1,186	319	1,511	737	3,753	0.9%
Chemistry	4,678	1,343	4,742	4,002	14,765	3.4%
Grantham Inst. for Climate Change	144	-2	919	773	1,834	0.4%
Inst. for Mathematical Sciences	126	40	0	114	280	0.1%
Life Sciences	7,599	856	10,375	6,249	25,079	5.8%
Mathematics	5,825	627	1,592	719	8,763	2.0%
Physics	10,904	2,158	10,185	7,041	30,288	7.0%
Inst. for Security Sci. & Tech.	183	46	67	0	296	0.1%
Natural Sciences HQ	4,397	1,720	0	193	6,310	1.5%
				,,,		
Business School	11,376	6,089	2,174	1,290	20,929	4.8%
Non-Faculty	3,075	509	53	280	3,917	0.9%
Humanities	2,464	106	53	102	2,725	0.6%
Other ²	611	403	0	178	1,192	0.3%
Total	150,274	40,022	142,067	101,894	434,257	100%

¹ The Institute for Security Science and Technology moved from the Faculty of Natural Sciences to the Faculty of Engineering in 2011–12.

Other includes Continuing Education plus individual research projects accounted for in Corporate Affairs, etc.

	Research councils £k	UK charities £k	UK government health auths. £k	UK industry £k	EU and overseas industry £k	European Commission £k	Other £k	Total £k
Faculty of Engineering	31,702	3,322	4,843	9,581	9,491	7,804	2,028	68,770
Aeronautics	1,908	42	78	443	138	669	3	3,282
Bioengineering	2,062	882	237	176	44	399	551	4,351
Chemical Eng	3,728	190	268	1,330	2,009	1,609	120	9,254
Civil & Environmental Eng	2,256	287	691	2,454	511	176	168	6,544
Computing	4,579	-296	352	864	433	1,977	21	7,930
Earth Science & Eng	3,500	105	271	895	5,049	461	228	10,509
Electrical & Electronic Eng	4,014	684	1,174	386	694	1,143	463	8,558
Inst. of Biomedical Eng	35	55	66	0	-15	16	0	157
Materials	5,305	452	428	792	46	469	202	7,695
Mechanical Eng	3,359	547	1,282	2,108	581	815	272	8,964
Engineering HQ	956	374	-5	132	0	69	0	1,526
Faculty of Medicine	29,258	57,601	33,481	5,767	7,913	8,513	16,748	159,281
Inst. of Clinical Sciences	3,124	1,315	1,404	0	8	314	226	6,390
School of Public Health	2,699	2,321	4,772	468	585	1,832	6,482	19,160
Kennedy Inst.	946	4,954	555	377	1,051	524	289	8,695
Department of Medicine	12,140	19,477	12,696	1,634	2,048	2,364	6,142	56,502
National Heart and Lung Inst.	3,727	15,940	4,467	2,391	3,193	2,027	1,916	33,660
Department of Surgery & Cancer	3,135	11,471	9,016	872	1,027	1,098	1,515	28,134
Inst. of Global Health	1,318	454	247	26	0	355	132	2,532
Medicine HO	2,169	1,668	323	0	0	0	47	4,208
	-,,	-,	J-J				77	4,
Faculty of Natural Sciences	38,345	7,452	4,445	2,256	1,488	6,777	5,034	65,797
Centre for Environmental Policy	655	-6	936	299	63	433	580	2,960
Chemistry	7,268	1,223	308	762	435	1,155	480	11,632
Grantham Inst.	37	0	68	42	0	0	1,590	1,737
Inst. for Mathematical Sci.	0	0	3	131	0	0	0	134
Life Sciences	10,124	5,332	636	553	572	2,658	1,545	21,420
Mathematics	2,201	116	9	229	4	632	114	3,303
Physics	17,982	787	2,419	239	414	1,898	725	24,465
Inst. for Security Sci. & Tech.	0	0	67	239	0	0	0	67
Natural Sciences HQ	79	0	0	0	0	0	0	79
Natural Sciences IIQ	79	U	U	U	U	U	U	79
Business School	3,395	28	745	585	1	246	59	5,059
Non-Faculty	23	308	2	0	0	-2	0	331
Humanities	23	128	0	0	0	0	0	151
Other ²	0	180	2	0	0	-2	0	181
Total	102,723	68,709	43,516	18,189	18,892	23,339	23,870	299,238

¹ The Institute for Security Science and Technology moved from the Faculty of Natural Sciences to the Faculty of Engineering in 2011–12.

Other includes Corporate Affairs, Human Resources and the Library.

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 employment destinations by defined sectors of Imperial College London Home/ EU undergraduate leavers in 2011. The data were collected in January 2012 (six months after graduation) by the Careers Service for submission to HESA.

The inside cover shows the subject discipline of Imperial College London Home/EU undergraduate leavers in 2011. The data were sourced from the Registry.

Financial data are for the year ending 31 July 2011.

Staff numbers are as recorded on 31 December 2011, and FTE staff numbers are calculated according to actual contracted time.

Student numbers are as recorded on 31 December 2011 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.

Departments have been named in full wherever possible. The exception is CHoSTM, which is the Centre for the History of Science, Technology and Medicine.

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
Strategic Planning Division
Imperial College London
South Kensington Campus
London SW7 2AZ, UK
Tel: +44 (0)20 7594 7275
Fax: +44 (0)20 7594 8802
Email: plan.sec@imperial.ac.uk
www.imperial.ac.uk/planning

© Imperial College London 2012