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Imperial College Statistics Pocket Guide 2002-03

This information is taken from the Imperial College Statistics Pocket Guide 2002-03. Copies of the guide can be obtained from h.butler@imperial.ac.uk

Full-Time Student Numbers

	2002 - 03		2001 - 02		% change over:	
	Numbers	% total	Numbers	% total	1 year	5 years
All Full-Time Students	10,336	100.0	10,125	100	2.1	17.1
Undergraduate	7,367	71.3	7,244	71.5	1.7	18.0
Taught Postgraduate	1,358	13.1	1,269	12.5	7.0	22.9
Research Postgraduate	1,611	15.6	1,612	15.9	-0.1	9.3
Total Postgraduate	2,969	28.7	2,881	28.5	3.1	15.1
Home & EU	8,060	78	8,055	79.6	0.1	16
Undergraduate	6,003	58.1	6,030	59.6	-0.4	15.9
Taught Postgraduate	914	8.8	847	8.4	7.9	25.4
Research Postgraduate	1,143	11.1	1,178	11.6	-3	10.1
Total Postgraduate	2,057	19.9	2,025	20	1.6	16.4
Overseas	2,276	22	2,070	20.4	10	21.3
Undergraduate	1,364	13.2	1,214	12	12.4	28.2
Taught Postgraduate	444	4.3	422	4.2	5.2	18.1
Research Postgraduate	468	4.5	434	4.3	7.8	7.3
Total Postgraduate	912	8.8	856	8.5	6.5	12.3
New Entrants*	3,881	37.5	3,600	35.6	7.8	17.3
Undergraduate	2,075	20.1	1,931	19.1	7.5	15.1
Taught Postgraduate	1,355	13.1	1,260	12.4	7.5	24.3
Research Postgraduate	451	4.4	409	4	10.3	8.4
Total Postgraduate	1,806	17.5	1,669	16.5	8.2	19.9
Women	3,807	36.8	3,642	36.0	4.5	36.8
Undergraduate	2,746	26.6	2,573	25.4	6.7	40
Taught Postgraduate	507	4.9	498	4.9	1.8	42.8
Research Postgraduate	554	5.4	571	5.6	-3	18.9
Total Postgraduate	1,061	10.3	1,069	10.6	-0.7	29.2

* New Entrants include Imperial College graduates returning for higher degrees. Numbers include six Imperial College Union sabbatical officers registered as taught postgraduates.

Figures include occasional students.

The mergers with Wye College, the Charing Cross and Westminster Medical School and the Royal Postgraduate Medical School partly explain the large increase in numbers over the five year period.

Part-Time Student Numbers

	2002-03		2001-02		% change over:	
	Numbers	% total	Numbers	% total	1 year	5 years
Taught Postgraduate	471	48.2	451	46.4	4.4	24.6
Research Postgraduate	506	51.8	522	53.6	-3.1	-1.9
Total Postgraduate	977	100	973	100	0.4	9.3

Full-Time Equivalent Students by Department: 2002-03

	UG	PG Research	PG Taught	Total	% change over	
					1 year	5 years
Faculty of Engineering						
Aeronautics	278	41	21.5	340.5	1.8	25.2
Bioengineering	38	14.5	27	79.5	98.8	127.1
Chemical Eng & Chemical Tech	415	102.5	23	540.5	1.6	9.4
Civil & Environmental Eng	301	65	127.5	493.5	2.7	0.7
Computing	465.5	90	153.5	709	1.6	28.4
Earth Science & Engineering	181	57.5	76	314.5	-1.9	n/a
Electrical & Electronic Eng	590.5	97	78	765.5	9.7	17.4
IC-Parc (Centre for Planning & Resource Control)	0	8.5	0	8.5	-5.6	112.5
Materials	153	45.5	1	199.5	-7	-15.1
Mechanical Engineering	430	130.5	38	598.5	0.4	-5.6
Faculty of Life Sciences						
Agricultural Sciences	209	40	35	284	-22.1	n/a
Biological Sciences	720	168.5	66	954.5	4.2	15.7
Environmental Science & Technology	0	74.5	155	229.5	4.3	n/a
Faculty of Medicine	1877	441	258	2,576	1.5	16.6
Faculty of Physical Sciences						
Chemistry	312	149	18	479	-2.1	2.8
CHOSTM (Centre for History of Science, Technology & Medicine)	0	7.5	20	27.5	3.8	10
Mathematics	686	74.5	33.5	794	6.9	52.4
Physics	710	167.5	35	912.5	2.8	8
Non-faculty						
Business School	1	86	343	430	0.7	13.5
Humanities	0	3.5	72	75.5	11	151.7
Educational Development	0	0	6.5	6.5	225	n/a
Total	7367	1864	1587.5	10,818.5	2	17

A faculty academic structure was introduced within the College in August 2001.

Further details of changes in departments are given in the notes section.

FTEs exclude the six Imperial College Union sabbatical officers registered as taught postgraduates.

Figures include occasional students.

FTE Staff Numbers and Student:Staff Ratios: 2002-03

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.

	Academic Staff	Research Staff	Support Staff	Total Staff	Student Load	Student:staff ratio
Faculty of Engineering						
Aeronautics	19	11	26	56	281	14.8
Bioengineering	10	7	12	29	95	9.2:1
Chemical Eng & Chemical Tech	35	45	54	133	458	13.2:1
Civil & Environmental Eng	40	36	46	122	425	10.6:1
Computing	47	54	39	141	723	15.3:1
Earth Science & Eng	37	33	31	101	301	8.1:1
Electrical & Electronic Eng	39	53	48	140	619	15.7:1
IC-Parc (Centre for Planning & Resource Control)	3	11	5	19	9	2.8:1
Materials	20	33	28	81	197	10.1:1
Mechanical Engineering	47	66	64	176	537	11.5:1
Faculty Administration	1	0	3	4	0	n/a
Faculty of Life Sciences						
Agricultural Sciences	39	24	66	129	277	7.1:1
Biological Sciences	83	193	170	445	898	10.9:1
Environmental Science & Technology	32	38	29	98	229	7.2:1
Faculty Administration	1	0	1	2	0	n/a
Faculty of Medicine						
Academic	446	838	794	2078	2527	5.7:1
Faculty Administration	4	0	62	66	0	n/a
Faculty of Physical Sciences						
Chemistry	35	80	47	162	441	12.5:1
CHOSTM (Centre for History of Science, Technology & Medicine)	7	2	1	10	19	2.7:1
Mathematics	56	21	15	91	934	16.7:1
Physics	77	146	123	346	848	11.1:1
Faculty Administration	1	0	2	3	0	n/a
Non-faculty						
Business School	47	11	37	95	716	15.1:1
Humanities	6	0	13	19	222	40.3:1
Educational Development	3	0	4	7	13	4.3:1
Central Services	3	3	1435	1441	0	n/a
Grand Totals	1138	1703	3153	5994	10,767	9.5:1

Applications and Admissions: Undergraduate

	Applications received during 2001-02:			New admissions 2002-03	Applications: admissions ratio for 2002 entry	Average 'A' level score on entry
	H/EU	O/S	Total			
Faculty of Engineering						
Aeronautics	462	172	634	74	8.6:1	29.7
Bioengineering	35	72	107	33	3.2:1	28.7
Chemical Eng & Chemical Tech	188	222	410	105	3.9:1	28.1
Civil & Environmental Eng	241	148	389	86	4.5:1	28.3
Computing	897	527.5	1424.5	164	8.7:1	29.7
Earth Science & Eng	237	41	278	47	5.9:1	25.2
Electrical & Electronic Eng	412	622	1034	163	6.3:1	29.8
Materials	111	63	174	33	5.3:1	24.5
Mechanical Engineering	362	197	559	133	4.2:1	28.7
Faculty of Life Sciences						
Agricultural Sciences	187	50	237	42	5.6:1	21.1
Biological Sciences	1040	392	1432	241	5.9:1	28.3
Faculty of Medicine	1948	524	2472	363	6.8:1	29.2
Faculty of Physical Sciences						
Chemistry	480	87	567	86	6.6:1	27.7
Mathematics	708	300.5	1008.5	221	4.6:1	28.8
Physics	696	97	793	198	4.0:1	29.1
Total	8,004	3,515	11,519	1,989	5.8	28.6

Applications and admissions as at 30 October 2002.

Registrations exclude occasional students.

Applications and Admissions: Postgraduate

	Applications received during 2000-01:			New admissions 2001-02	Applications : admissions ratio for 2001 entry
	Taught	Research	Total		
Faculty of Engineering					
Aeronautics	89	60	149	30	5.0:1
Bioengineering	79	28	107	32	3.3:1
Chemical Eng & Chemical Tech	115	107	222	43	5.2:1
Civil & Environmental Eng	499	113	612	160	3.8:1
Computing	1239	183	1422	158	9.0:1
Earth Science & Engineering	286	91	377	93	4.1:1
Electrical & Electronic Eng	554	215	769	111	6.9:1
IC-Parc (Centre for Planning & Resource Control)	0	14	14	4	3.5:1
Materials	15	50	65	14	4.6:1
Mechanical Engineering	105	109	214	68	3.1:1
Faculty of Life Sciences					
Agricultural Sciences	227	81	308	49	6.3:1
Biological Sciences	290	180	470	109	4.3:1
Environmental Science & Technology	371	55	426	168	2.5:1
Faculty of Medicine	750	221	971	355	2.7:1
Faculty of Physical Sciences					
Chemistry	45	154	199	52	3.8:1
CHOSTM (Centre for History of Science, Technology & Medicine)	49	5	54	24	2.3:1
Mathematics	206	105	311	61	5.1:1
Physics	97	266	363	90	4.0:1
Non-Faculty					
Business School	1733	160	1893	371	5.1:1
Humanities	239	3	242	75	3.2:1
Educational Development	-	-	-	13	n/a
Total	6988	2200	9188	2080	4.4:1

Academic Expenditure: 2001-02

	General Funds		Research Grants & Contracts		Total £K	% of total
	Staff £K	Other £K	Staff £K	Other £K		
Engineering Headquarters	180	22	-	-	202	0.1
Aeronautics	1,794	452	583	589	3,418	1.3
Bioengineering	813	233	343	534	1,923	0.8
Chemical Eng & Chemical Tech	3,287	1,423	1,611	1,558	7,879	3.1
Civil & Environmental Eng	3,455	745	929	900	6,029	2.4
Computing	3,317	1,465	1,539	1,205	7,526	2.9
Earth Science and Eng	2,651	959	847	476	4,933	1.9
Electrical & Electronic Eng	3,505	935	1,246	1,005	6,691	2.6
IC-Parc (Centre for Planning & Resource Control)	385	80	288	76	829	0.3
Materials	1,867	611	945	1,737	5,160	2.0
Mechanical Engineering	4,289	1,166	2,136	2,174	9,765	3.8
Faculty of Engineering	25,543	8,091	10,467	10,254	54,355	21.24
Life Sciences Headquarters	170	163	-	-	333	0.1
Agricultural Sciences	4,138	1,494	536	760	6,928	2.7
Biological Sciences	6,809	1,730	7,021	6,527	22,087	8.6
Biomedical Services Unit	1,813	-564	-	-	1,249	0.5
Environmental Science and Technology	2,412	477	975	873	4,737	1.9
Faculty of Life Sciences	15,342	3,300	8,532	8,160	35,334	13.8
School of Medicine Central Division	2,578	2,265	-	78	4,921	1.9
Biomedical Sciences	2,042	450	2,857	2,679	8,028	3.1
Clinical Sciences	39	15	218	595	867	0.3
Investigative Science	6,821	652	5,901	5,304	18,678	7.3
Kennedy Institute	702	160	3,402	1,502	5,766	2.3
Medicine	8,353	894	8,082	6,342	23,671	9.3
National Heart and Lung Institute	7,880	1,549	10,115	6,436	25,980	10.2

continued -

Academic Expenditure: 2001-02 (continued from previous page)

	General Funds		Research Grants & Contracts		Total £K	% of total
	Staff £K	Other £K	Staff £K	Other £K		
School of Medicine continued -						
Neurosciences and Psychological Medicine	5,263	-56	4,334	3574	13,115	5.1
Paediatrics, Obstetrics and Gynaecology	4,844	396	4,531	2,483	12,254	4.8
Primary Care and Population Health Sciences	2,581	1,295	3,095	1,681	8,652	3.4
Surgery, Anaesthetics and Intensive Care	4,262	295	1,740	1,158	7,455	2.9
School of Medicine	45,365	7,915	44,275	31,832	129,387	50.6
Physical Sciences Headquarters	150	40	-	-	190	0.1
Chemistry	2,987	895	2,115	2,890	8,887	3.5
CHOSTM (Centre for History of Science, Technology and Medicine)	308	-9	69	26	394	0.2
Mathematics	3,243	424	484	177	4,328	1.7
Physics	6,052	1,398	4,773	3,755	15,978	6.2
Faculty of Physical Sciences	12,740	2,748	7,441	6,848	29,777	11.6
Business School	3,743	1,552	244	480	6,019	2.4
Other	616	354	7	12	989	0.4
Total	103,349	23,960	70,966	57,586	255,861	100

College Income and Expenditure

	2001-02		2000-01		% change 1 year
	£K	% of total	£K	% of total	
Income					
Funding Council grants	112,966	28.9	111,754	28.6	1.1
Academic fees & support grants	44,185	11.3	40,290	10.3	9.7
Research grants & contracts	152,984	39.1	146,428	37.5	4.5
Other operating income	67,473	17.3	71,118	18.2	-5.1
Endowments & Interest	3,440	0.9	2,130	0.5	61.5
Exceptional income from sale of fixed assets	9,732	2.5	18,110	4.6	-46.3
Share of Associates' operating results	182	0.05	452	0.1	-59.7
Total Income	390,962	100	390,282	99.9	0.2
Expenditure					
Academic departments	127,309	33.5	126,797	34	0.4
Academic services	20,015	5.3	19,209	5.1	4.2
Research grants & contracts	128,552	33.8	124,533	33.3	3.2
Residences / catering / conferences	15,692	4.1	16,330	4.4	-3.9
Premises	48,935	12.9	44,635	12	9.6
Central Administration	16,921	4.5	16,595	4.4	2
General educational expenditure	4,641	1.2	4,373	1.2	6.1
Staff and student facilities	5,328	1.4	4,367	1.2	22
Other expenditure	12,626	3.3	16,585	4.4	-23.9
Total Expenditure	380,019	100	373,424	100	1.8

Research Grants & Contracts Income 2001-02

This information is taken from the Imperial College Statistics Pocket Guide 2002-03. Copies of the guide can be obtained from h.butler@ic.ac.uk

	Research Councils	UK Charities	UKGovt / Health Authority	UK Industry	EU Govt	Other	Total
	£K	£K	£K	£K	£K	£K	£K
Faculty of Engineering							
Aeronautics	937	111	73	108	162	172	1,563
Bioengineering	120	182	324	332	30	12	1000
Chemical Eng & Chemical Tech	2,566	78	29	868	467	599	4,608
Civil & Environmental Eng	1,902	19	123	143	276	123	2,585
Computing	2,483	0	254	385	270	218	3,610
Earth Science and Eng	957	5	202	449	171	123	1,907
Electrical & Electronic Eng	1,886	10	22	239	478	439	3,075
IC-Parc (Centre for Planning & Resource Control)	30	0	0	864	0	0	894
Materials	1,480	46	173	571	168	1,024	3,461
Mechanical Engineering	2,293	103	136	1,530	789	795	5,646
Faculty of Life Sciences							
Agricultural Sciences	580	87	445	266	257	116	1,750
Biological Sciences	7,131	5,514	291	1,180	613	2,000	16,728
Environmental Science & Tech	406	30	467	475	634	764	2,775
Faculty of Medicine	11,710	40,942	9,070	10,291	1,882	10,165	84,060
Faculty of Physical Sciences							
Chemistry	3,437	89	39	1,533	124	1,112	6,335
CHOSTM (Centre for History of Science, Technology and Medicine)	68	18	0	0	3	29	117
Mathematics	562	34	108	50	40	163	956
Physics	8,324	621	414	618	567	334	10,878
Non-Faculty							
Business School	125	0	64	529	118	176	1,012
Humanities	0	0	0	0	19	3	2
Total	46,997	47,887	12,234	20,431	7,068	18,367	152,984

Degrees Awarded: Undergraduate

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	2002			2001		
	Total	Total 1/11i	% 1/11i	Total	Total 1/11i	% 1/11i
Faculty of Engineering						
Aeronautics	50	39	78	57	44	77.2
Chemical Eng & Chemical Tech	87	71	81.6	77	57	74.0
Civil & Environmental Eng	77	60	77.9	48	37	77.1
Computing	136	98	72.1	125	96	77.1
Earth Science and Eng	67	45	67.2	n/a	n/a	n/a
Electrical & Electronic Eng	137	105	76.6	150	117	78.3
Materials	37	29	78.4	50	38	76
Mechanical Engineering	86	60	69.8	123	89	72.4
Faculty of Life Sciences						
Agricultural Sciences	116	71	61.2	89	56	62.9
Biological Sciences	185	146	78.9	217	160	73.7
Faculty of Medicine						
Medicine: Intercolated BSc	26	23	88.5	37	36	97.3
Medicine: MBBS	444	154	34.7	365	n/a	n/a
Faculty of Physical Sciences						
Chemistry	87	55	63.2	71	50	70.4
Mathematics	168	99	58.9	174	101	58.0
Physics	166	118	71.1	187	122	65.2
Non-faculty						
TH Huxley School of Environment, Earth Sciences & Engineering*	-	-	-	62	32	51.6
Total	1,869	1,173	62.8	1,831	1,035	56.5

* See notes on page 14 for an explanation of the reorganisation into a Faculty Academic structure.

Degrees Awarded: Postgraduate

	2002	Total		% change over	
		2001	1997	1 year	5 years
PhD/DSc/MD/MS	436	471	531	-7.4	-17.9
MPhil	13	7	12	85.7	8.3
MSc/MBA/MRES	1,173	1,199	893	-2.2	31.4
Total	1,622	1,677	1,436	-3.3	13

Notes

These statistics are the latest available and are intended for use by members of the College and visitors. An element of judgement is inevitably involved in selecting and presenting these figures. They cover various periods and comparisons should be made with care. Numbers have been rounded as appropriate.

In August 2001 academic departments in the College were organised into four Faculties (Engineering, Life Sciences, Medicine and Physical Sciences) which are complemented by the Management School and Humanities. Other changes in departmental organisation are as follows;

- The Centre for Composite materials is now incorporated into Aeronautics.
- The Department of Biological and Medical Systems has been renamed the Department of Bioengineering.
- The IRC for Process Systems Engineering is now incorporated into the Department of Chemical Engineering.
- The Departments of Biology and Biochemistry and Centre for Structural Biology have joined to form the Department of Biological Sciences.
- The TH Huxley School has been separated to form the Departments of Earth Science and Engineering, Environmental Science and Technology and Agricultural Sciences (formerly Wye College).

The College has merged with several other institutions in recent years as detailed below.

- Wye College - merged on 1 August 2000
- The Kennedy Institute of Rheumatology - merged on 1 August 2000
- The Royal Postgraduate Medical School and Charing Cross & Westminster Medical School - merged on 1 August 1997.
- The National Heart & Lung Institute - merged on 1 August 1995.

Financial data are for the year ending 31 July 2002.

Student numbers are for the year ending 31 December 2002 unless otherwise stated.

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

H/EU = students from the UK and European Union

O/S = students from non-EU countries.

Staff numbers are as recorded on 31 December 2002, and FTE staff numbers are calculated according to actual contracted time.

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