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Imperial College Statistics Pocket Guide 2003-04

This information is taken from the Imperial College Statistics Pocket Guide 2003-04. Copies of the guide can be obtained from [h.butler@imperial.ac.uk](mailto:h.butler@imperial.ac.uk)

Full-Time Student Numbers

	2003 - 04		2002 - 03		% change over:	
	Numbers	% total	Numbers	% total	1 year	5 years
<b>All Full-Time Students</b>	10,721	100.0	10,336	100.0	3.7	18.5
<b>Undergraduate</b>	7,483	69.8	7,367	71.3	1.6	16.2
<b>Taught Postgraduate</b>	1,559	14.5	1,358	13.1	14.8	37.4
<b>Research Postgraduate</b>	1,679	15.7	1,611	15.6	4.2	13.9
<b>Total Postgraduate</b>	3,238	30.2	2,969	28.7	9.1	24.1
<b>Home &amp; EU</b>	8,047	75.1	8,060	78	-0.2	12.1
<b>Undergraduate</b>	5,879	54.8	6,003	58.1	-2.1	10.4
<b>Taught Postgraduate</b>	986	9.2	914	8.8	7.9	24.8
<b>Research Postgraduate</b>	1,182	11	1,143	11.1	3.4	11.2
<b>Total Postgraduate</b>	2,168	20.2	2,057	19.9	5.4	17.0
<b>Overseas</b>	2,674	24.9	2,276	22	17.5	43.0
<b>Undergraduate</b>	1,604	15	1,364	13.2	17.6	44.0
<b>Taught Postgraduate</b>	573	5.3	444	4.3	29.1	66.1
<b>Research Postgraduate</b>	497	4.6	468	4.5	6.2	20.9
<b>Total Postgraduate</b>	1,070	10	912	8.8	17.3	41.5
<b>New Entrants*</b>	4,269	39.8	3,881	37.5	10.0	25.3
<b>Undergraduate</b>	2,205	20.6	2,075	20.1	6.3	17.7
<b>Taught Postgraduate</b>	1,554	14.5	1,355	13.1	14.7	37.6
<b>Research Postgraduate</b>	510	4.8	451	4.4	13.1	26.2
<b>Total Postgraduate</b>	2,064	19.3	1,806	17.5	14.3	34.6
<b>Women</b>	3,938	36.7	3,807	36.8	3.4	36.2
<b>Undergraduate</b>	2,777	25.9	2,746	26.6	1.1	38.2
<b>Taught Postgraduate</b>	599	5.6	507	4.9	18.1	47.9
<b>Research Postgraduate</b>	562	5.2	554	5.4	1.4	18.1
<b>Total Postgraduate</b>	1,161	10.8	1,061	10.3	9.4	31.8

\* 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 and the Kennedy Institute of Rheumatology partly explain the large increase in numbers over the five year period.

Part-Time Student Numbers						
	2003-04		2002-03		% change over:	
	Numbers	% total	Numbers	% total	1 year	5 years
<b>Taught Postgraduate</b>	536	51	471	48.2	13.8	57.6
<b>Research Postgraduate</b>	514	49	506	51.8	1.6	13.2
<b>Total Postgraduate</b>	1050	100	977	100	7.5	32.2

Full-Time Equivalent Students by Department: 2003-04

	UG	PG Research	PG Taught	Total	% change over	
					1 year	5 years
<b>Faculty of Engineering</b>						
Aeronautics	277	48	36	361	6	33.7
Bioengineering	69	25	30	124	56	275.8
Chemical Eng & Chemical Tech	430	109	48	587	8.6	18.6
Civil & Environmental Eng	319	76	191	586	18.7	17
Computing	438.5	84	129.5	652	-8	10.5
Earth Science & Engineering	159	64.5	97	320.5	1.9	n/a
Electrical & Electronic Eng	588.5	112	82	782.5	2.2	13.9
IC-Parc (Centre for Planning & Resource Control)	0	8	0	8	-5.9	100
Materials	172	49.5	0	221.5	11	-0.2
Mechanical Engineering	446	110	42.5	598.5	0	-5
<b>Faculty of Life Sciences</b>						
Agricultural Sciences	203	45	46	294	3.5	n/a
Biological Sciences	722	186.5	80	988.5	3.6	15.2
Environmental Science & Technology	2	74	170	246	7.2	n/a
<b>Faculty of Medicine</b>	1928	467	277.5	2,672.5	3.7	22.5
<b>Faculty of Physical Sciences</b>						
Chemistry	312	148	31	491	2.5	1.4
CHOSTM (Centre for History of Science, Technology & Medicine)	0	6.5	26.5	33	20	43.5
Mathematics	705	76.5	38.5	820	3.3	47
Physics	705	170	47	922	1	8.6
<b>Non-faculty</b>						
Tanaka Business School	7	72.5	353	432.5	0.6	14.7
Humanities	0	4	87.5	91.5	21.2	195.2
Educational Development	0	0	8	8	23.1	n/a
<b>Total</b>	<b>7483</b>	<b>1936</b>	<b>1821</b>	<b>11240</b>	<b>3.9</b>	<b>19</b>

FTEs exclude the six Imperial College Union sabbatical officers registered as taught postgraduates. Figures include occasional students.

FTE Staff Numbers and Student: Staff Ratios 2003-04

	Academic Staff	Research Staff	Support Staff	Total Staff	Student Load	Student: staff ratio
<b>Faculty of Engineering</b>						
Aeronautics	20	17	26	63	297	14.9:1
Bioengineering	12	8	14	34	136	11.1:1
Chemical Eng & Chemical Tech	35	32	47	114	507	14.7:1
Civil & Environmental Eng	39	32	48	119	512	13.1:1
Computing	46	50	46	142	690	14.9:1
Earth Science & Eng	33	29	29	91	317	9.6:1
Electrical & Electronic Eng	39	60	50	149	629	16.0:1
IC-Parc (Centre for Planning & Resource Control)	3	12	5	20	8	2.7:1
Materials	19	26	28	73	214	11.5:1
Mechanical Engineering	41	67	61	169	538	13.2:1
Faculty Administration	1	0	12	13	0	n/a
<b>Faculty of Life Sciences</b>						
Agricultural Sciences	40	30	63	133	289	7.3:1
Biological Sciences	84	186	159	429	931	11.1:1
Environmental Science & Technology	31	36	26	93	247	7.9:1
Faculty Administration	1	0	1.5	2.5	0	n/a
<b>Faculty of Medicine</b>						
Academic	448	862	782	2092	2600	5.8:1
Faculty Administration	4	0	133	137	0	n/a
<b>Faculty of Physical Sciences</b>						
Chemistry	38	64	46	148	445	11.8:1
CHOSTM (Centre for History of Science, Technology & Medicine)	5	3	1	9	23	4.5:1
Mathematics	59	21	18	98	980	16.6:1
Physics	84	154	123	361	862	10.2:1
Faculty Administration	1	0	3	4	0	n/a
<b>Non-faculty</b>						
Tanaka Business School	44	20	44	108	719	16.2:1
Science Communication	5	0	1	6	48	9.6:1
Humanities (including Translation Studies)	3	0	15	17	176	65.3:1
Educational Development	3	0	5	8	5	1.3:1
Central Services	4	6	1388	1398	0	n/a
<b>Grand Totals</b>	<b>1142</b>	<b>1714</b>	<b>3173</b>	<b>6028</b>	<b>11173</b>	<b>9.8:1</b>

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: Undergraduate							
	Applications received during 2002-03:			New admissions 2003-04	Applications: admissions ratio for 2003 entry	Average 'A' level score on entry*	Average Tariff score on entry*
	H/EU	O/S	Total				
<b>Faculty of Engineering</b>							
<b>Aeronautics</b>	386	141	527	88	6.0:1	29.3	353.1
<b>Bioengineering</b>	69	116	185	41	4.5:1	28.9	349.4
<b>Chemical Eng &amp; Chemical Tech</b>	236	203	439	114	3.9:1	28.0	339.7
<b>Civil &amp; Environmental Eng</b>	245	160	405	89	4.6:1	28.4	343.6
<b>Computing</b>	705.5	391.5	1097	135	8.1:1	29.4	353.8
<b>Earth Science &amp; Eng</b>	161	20	181	49	3.7:1	24.5	305.3
<b>Electrical &amp; Electronic Eng</b>	325	613	938	187	5.0:1	29.2	352.9
<b>Materials</b>	120	68	188	68	2.8:1	23.6	296.1
<b>Mechanical Engineering</b>	364	236	600	157	3.8:1	28.5	345.2
<b>Faculty of Life Sciences</b>							
<b>Agricultural Sciences</b>	312	185	497	109	4.6:1	21.4	274.1
<b>Biological Sciences</b>	977	383	1360	218	6.2:1	28.4	343.8
<b>Faculty of Medicine</b>	1791	536	2327	331	7.0:1	28.8	347.7
<b>Faculty of Physical Sciences</b>							
<b>Chemistry</b>	440	102	542	91	6.0:1	28.4	344.3
<b>Mathematics</b>	734.5	308.5	1043	237	4.4:1	28.7	347.4
<b>Physics</b>	602	87	689	208	3.3:1	29.0	349.9
<b>Total</b>	7468	3,550	11,018	2,122	5.2	28.1	341.4

Applications and admissions as at 30 October 2003.

Registrations exclude occasional students.

\*A level and tariff scores are based on the best three grades.

\* For the tariff score A=120, B=100, C=80, D=60 and E=40

Applications and Admissions: Postgraduate							
	Applications received during 2002-03:			New admissions 2003-04			Applications: admissions ratio for 2003 entry
	Taught	Research	Total	Taught	Research	Total	
<b>Faculty of Engineering</b>							
Aeronautics	115	55	170	36	26	62	2.7:1
Bioengineering	95	28	123	30	10	40	3.1:1
Chemical Eng & Chemical Tech	160	118	278	47	31	78	3.6:1
Civil & Environmental Eng	567	134	701	195	26	221	3.2:1
Computing	1127	197	1324	109	15	124	10.7:1
Earth Science & Engineering	336	92	428	97	20	117	3.7:1
Electrical & Electronic Eng	670	334	1004	82	36	118	8.5:1
IC-Parc (Centre for Planning & Resource Control)	0	7	7	0	1	1	7.0:1
Materials	0	74	74	0	14	14	5.3:1
Mechanical Engineering	190	122	312	43	26	69	4.5:1
<b>Faculty of Life Sciences</b>							
Agricultural Sciences	270	51	321	46	10	56	5.7:1
Biological Sciences	232	218	450	80	51	131	3.4:1
Environmental Science & Technology	328	80	408	170	21	191	2.1:1
<b>Faculty of Medicine</b>							
<b>Faculty of Physical Sciences</b>							
Chemistry	81	148	229	31	42	73	3.1:1
CHOSTM (Centre for History of Science, Technology & Medicine)	46	6	52	26	3	29	1.8:1
Mathematics	275	109	384	39	21	60	6.4:1
Physics	123	294	417	48	53	101	4.1:1
<b>Non-Faculty</b>							
Tanaka Business School	1506	176	1682	409	23	432	3.9:1
Humanities incl. Translation Studies & Science Communication	251	3	254	85	2	87	2.9:1
Educational Development	0	0	0	16	0	16	n/a
<b>Total</b>	<b>7348</b>	<b>2428</b>	<b>9776</b>	<b>1890</b>	<b>549</b>	<b>2439</b>	<b>4.0:1</b>

Registrations exclude occasional students.

Academic Expenditure: 2002-03

	General Funds		Research Grants & Contracts		Total £K	% of total
	Staff £K	Other £K	Staff £K	Other £K		
<b>Aeronautics</b>	1,733	466	471	503	3,173	1.1
<b>Bioengineering</b>	906	165	405	176	1,652	0.6
<b>Chemical Eng &amp; Chemical Tech</b>	3,257	1,350	1,457	1,653	7,717	2.8
<b>Civil &amp; Environmental Eng</b>	3,624	748	869	2,611	7,852	2.8
<b>Computing</b>	3,759	1,521	1,986	1,464	8,730	3.2
<b>Earth Science and Eng</b>	2,651	845	1,037	734	5,267	1.9
<b>Electrical &amp; Electronic Eng</b>	3,581	962	1,550	1,117	7,210	2.6
<b>IC-Parc (Centre for Planning &amp; Resource Control)</b>	444	176	361	27	1,008	0.4
<b>Materials</b>	1,925	686	957	1,585	5,153	1.9
<b>Mechanical Engineering</b>	4,208	1,286	2,126	1,999	9,619	3.5
<b>Engineering Headquarters</b>	368	82	-	-	450	0.2
<b>Faculty of Engineering</b>	26,456	8,287	11,219	11,869	57,831	20.9
<b>Agricultural Sciences</b>	3,557	1,740	793	982	7,072	2.6
<b>Biological Sciences</b>	7,273	1,543	7,707	6,024	22,547	8.1
<b>Biomedical Services Unit</b>	1,967	-467	-	-	1,500	0.5
<b>Environmental Science and Technology</b>	2,351	392	1,157	1,092	4,992	1.8
<b>Life Sciences Headquarters</b>	191	12	-	-	203	0.1
<b>Faculty of Life Sciences</b>	15,339	3,220	9,657	8,098	36,314	13.1
<b>Biomedical Sciences</b>	2,095	810	2,751	2,286	7,942	2.9
<b>Clinical Sciences</b>	451	426	390	946	2,213	0.8
<b>Investigative Science</b>	6,501	1,017	6,562	6,462	20,542	7.4
<b>Kennedy Institute</b>	606	175	3,576	1,832	6,189	2.2
<b>Medicine</b>	8,411	561	9,012	6,341	24,325	8.8
<b>National Heart and Lung Institute</b>	7,457	1,445	11,457	7,655	28,014	10.1

continued -



Academic Expenditure: 2002-03 (continued from previous page)

	General Funds		Research Grants & Contracts		Total £K	% of total
	Staff £K	Other £K	Staff £K	Other £K		
<b>School of Medicine continued -</b>						
<b>Neurosciences and Psychological Medicine</b>	5,191	155	4,057	3,463	12,866	4.6
<b>Paediatrics, Obstetrics and Gynaecology</b>	5,239	435	4,241	2,319	12,234	4.4
<b>Primary Care and Population Health Sciences</b>	2,773	1,840	3,962	2,795	11,370	4.1
<b>Surgery, Anaesthetics and Intensive Care</b>	4,765	399	1,817	1,521	8,502	3.1
<b>School of Medicine Central Division</b>	2,683	3,498	-	154	6,335	2.3
<b>School of Medicine</b>	46,172	10,761	47,825	35,774	140,532	50.7
<b>Chemistry</b>	3,184	1,406	2,313	2,845	9,748	3.5
<b>CHOSTM (Centre for History of Science, Technology and Medicine)</b>	341	-22	70	40	429	0.2
<b>Mathematics</b>	3,673	792	658	178	5,301	1.9
<b>Physics</b>	6,562	2,095	5,739	3,596	17,992	6.5
<b>Physical Sciences Headquarters</b>	195	47	-	-	190	0.1
<b>Faculty of Physical Sciences</b>	13,955	4,318	8,780	6,659	33,660	12.2
<b>Tanaka Business School</b>	4,573	1,878	501	700	7,652	2.8
<b>Science Communication</b>	232	35	5	-	272	0.1
<b>Other</b>	471	303	-	-	774	0.3
<b>Total</b>	107,198	28,802	77,987	63,100	277,035	100

College Income and Expenditure

	2002-03		2001-02		% change 1 year
	£K	% of total	£K	% of total	
<b>Income</b>					
Funding Council grants	116,872	28.6	112,966	28.9	3.5
Academic fees & support grants	49,826	12.2	44,185	11.3	12.8
Research grants & contracts	167,157	40.8	152,984	39.1	9.3
Other operating income	72,890	17.8	67,473	17.3	8
Endowments & Interest	2,527	0.6	3,440	0.9	-26.5
Exceptional income from sale of fixed assets	0	0	9,732	2.5	-100
Share of Associates' operating results	32	0.01	182	0	-82.4
<b>Total Income</b>	<b>409,304</b>	<b>100</b>	<b>390,962</b>	<b>100</b>	<b>-4.7</b>
<b>Expenditure</b>					
Academic departments	136,000	33.5	127,309	33.5	6.8
Academic services	21,356	5.3	20,015	5.3	6.7
Research grants & contracts	141,087	34.7	128,552	33.8	9.8
Residences / catering / conferences	16,079	4	15,692	4.1	2.5
Premises	45,016	11.1	48,935	12.9	-8
Central Administration	19,534	4.8	16,921	4.5	15.4
General educational expenditure	5,151	1.3	4,641	1.2	11
Staff and student facilities	5,891	1.4	5,328	1.4	10.6
Other expenditure	16,335	4	12,626	3.3	29.4
<b>Total Expenditure</b>	<b>406,449</b>	<b>100</b>	<b>380,019</b>	<b>100</b>	<b>7</b>

Research Grants & Contracts Income 2002-03

	Research Councils	UK Charities	UKGovt / Health Authority	UK Industry	EU Govt	Other	Total
	£K	£K	£K	£K	£K	£K	£K
<b>Faculty of Engineering</b>							
<b>Aeronautics</b>	619	75	61	191	278	103	1,327
<b>Bioengineering</b>	154	89	398	1	19	94	755
<b>Chemical Eng &amp; Chemical Tech</b>	2,135	105	17	868	444	594	4,162
<b>Civil &amp; Environmental Eng</b>	3,523	3	96	215	214	104	4,154
<b>Computing</b>	2,865	63	598	393	364	290	4,574
<b>Earth Science and Eng</b>	1,038	4	388	629	167	241	2,467
<b>Electrical &amp; Electronic Eng</b>	2,099	5	1	192	685	506	3,488
<b>IC-Parc (Centre for Planning &amp; Resource Control)</b>	22	0	0	1,473	-3	0	1,492
<b>Materials</b>	1,287	147	347	327	141	1,022	3,270
<b>Mechanical Engineering</b>	2,212	90	139	1,232	776	1,060	5,509
<b>Faculty of Life Sciences</b>							
<b>Agricultural Sciences</b>	814	127	292	407	342	292	2,274
<b>Biological Sciences</b>	7,383	6,025	350	984	397	1,353	16,491
<b>Environmental Science &amp; Tech</b>	569	220	486	584	521	816	3,196
<b>Faculty of Medicine</b>	10,994	44,745	9,096	11,392	2,390	13,323	91,939
<b>Faculty of Physical Sciences</b>							
<b>Chemistry</b>	2,454	99	170	2,838	169	754	6,485
<b>CHOSTM (Centre for History of Science, Technology and Medicine)</b>	70	20	5	0	24	17	136
<b>Mathematics</b>	598	32	159	115	84	106	1,094
<b>Physics</b>	9,583	174	468	523	636	1,330	12,713
<b>Non-Faculty</b>							
<b>Tanaka Business School</b>	257	0	213	764	149	245	1,627
<b>Science Communication</b>	0	0	0	0	4	0	4
<b>Total</b>	48,675	52,022	13,284	23,127	7,798	22,250	167,156

Degrees Awarded: Undergraduate						
	2003			2002		
	Total	Total 1/11i	% 1/11i	Total	Total 1/11i	% 1/11i
<b>Faculty of Engineering</b>						
<b>Aeronautics</b>	66	46	69.7	50	39	78.0
<b>Chemical Eng &amp; Chemical Tech</b>	76	62	81.6	87	71	81.6
<b>Civil &amp; Environmental Eng</b>	57	42	73.7	77	60	77.9
<b>Computing</b>	124	104.5	84.3	136	98	72.1
<b>Earth Science and Eng</b>	51	30	58.8	67	45	67.2
<b>Electrical &amp; Electronic Eng</b>	149	127.5	85.6	137	105	76.6
<b>Materials</b>	47	30	63.8	37	29	78.4
<b>Mechanical Engineering</b>	101	82	81.2	86	60	69.8
<b>Faculty of Life Sciences</b>						
<b>Biological Sciences</b>	189	149	78.8	185	146	78.9
<b>Agricultural Sciences</b>	103	60	58.3	116	71	61.2
<b>Faculty of Medicine</b>						
<b>Medicine: Intercolated BSc</b>	327	286	87.5	26	23	88.5
<b>Medicine: MBBS</b>	273	n/a	n/a	444	154	34.7
<b>Faculty of Physical Sciences</b>						
<b>Chemistry</b>	70	44	62.9	87	55	63.2
<b>Mathematics</b>	183	113	61.7	168	99	58.9
<b>Physics</b>	187	124	66.3	166	118	71.1
<b>Total</b>	2,003	1,300	64.9	1,869	1,173	62.8

Degrees Awarded: Postgraduate					
	Total			% change over	
	2003	2002	1998	1 year	5 years
<b>PhD/DSc/MD/MS</b>	529	436	492	21.3	7.5
<b>MPhil</b>	5	13	13	-61.5	-61.5
<b>MSc/MBA/MRES</b>	1,242	1,173	895	5.9	38.8
<b>Total</b>	1,776	1,622	1,400	9.5	26.9

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 Tanaka Business School and Humanities.

The College has merged with several other institutions during the last ten 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 2003.

Student numbers are as recorded on 31 December 2003 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 2003, and FTE staff numbers are calculated according to actual contracted time.

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Imperial College London, South Kensington campus  
London, SW7 2AZ  
Tel: +44 (0) 20 7594 7266 Fax: +44 (0) 20 7594 7277  
Email: [vivienne.harris@imperial.ac.uk](mailto:vivienne.harris@imperial.ac.uk)  
[www.imperial.ac.uk](http://www.imperial.ac.uk)

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