

Report to the University Wide Council on Engineering Education UCEE

Henry Samueli School of Engineering and Applied Science
University of California, Los Angeles

Fall 2003

Henry Samueli School of Engineering and Applied Science
University of California, Los Angeles

Admission, Enrollment & Degree Statistics

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Enrollments – Fall Quarters

	2001	2002	2003
Undergraduate Enrollment			
Lower Division	918	731	773
Upper Division	1789	1949	1837
Total Undergraduate	2707	2680	2610
Graduate Enrollment			
Master's Degree	226	241	445
Doctoral Degree	939	1100	1045
Total Graduate Enrollment	1165	1341	1490
School Total	3872	4021	4100
Campus Total	37494	37599	38598

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Fall Undergraduate Enrollments by Department

	2001	2002	2003
Aerospace Engr	188	206	196
Chemical Engr	261	248	246
Civil Engr	205	215	227
Computer Sci & Engr	495	485	430
Computer Sci	364	356	320
Electrical Engr	777	752	725
Mechanical Engr	318	321	358
Materials Engr	98	97	108
Total	2707	2680	2610

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Fall Graduate Enrollment and Support by Department

	2001		2002		2003	
	Enroll	%Supp	Enroll	%Supp	Enroll	%Supp
Aerospace	31	49%	30	70%	41	70%
Biomedical IDP	96	25%	103	15%	118	71%
Chemical	57	89%	73	94%	80	81%
Civil	96	55%	98	60%	98	51%
Computer Science	273	88%	340	88%	395	58%
Electrical	409	75%	442	74%	454	73%
Mechanical	143	*	187	*	224	*
M S& E	58	80%	66	85%	76	87%
Engineering	0	**	0	**	0	**
Manufacturing	2	*	2	*	4	*
Nuclear	0	*	0	*	0	*
Integrated Mfg Engr	0	*	0	*	0	*
Total	1165		1341		1490	

* Students in the department of Mechanical and Aerospace Engineering. The information about support is listed under Aerospace Engineering.

** Students in the Engineering major are enrolled in the various departments of the School. The information about support is included under percentages for the departments.

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Undergraduate Admission Statistics

	Freshmen			Transfers		
	Apps	Admits	Enrolled	Apps	Admits	Enrolled
2003-2004						
Aerospace	603	146	52	55	17	11
Chemical	390	179	46	77	32	10
Civil	617	146	38	118	30	11
C S & E	1309	263	72	256	66	31
Com Sci	946	142	48	468	66	35
Electrical	905	357	105	347	103	59
Mechanical	866	230	69	149	39	19
Materials	113	77	31	16	5	3
Total	5749	1540	461	1486	358	179
2002-2003						
Aerospace	571	137	48	44	12	6
Chemical	324	136	44	85	32	13
Civil	543	145	60	98	29	14
C S & E	1705	287	80	378	93	55
Com Sci	1207	152	37	723	98	59
Electrical	935	258	72	338	98	58
Mechanical	820	215	55	146	43	21
Materials	61	63	26	18	7	1
Total	6166	1393	422	1830	412	227
2001-2002						
Aerospace	492	134	41	50	17	8
Chemical	360	156	40	79	45	13
Civil	429	129	47	71	29	7
C S & E	2308	248	48	341	102	43
Com Sci	1873	128	30	745	111	59
Electrical	912	263	85	236	73	39
Mechanical	628	195	66	103	38	18
Materials	72	65	27	14	5	1
Total	7074	1318	384	1639	420	188

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Graduate Admission Statistics

	Applicants		Admissions		Enrollments	
	Domestic	Foreign	Domestic	Foreign	Domestic	Foreign
2003-2004						
Aerospace	53	52	41	14	16	2
Biomedical	136	116	62	16	31	5
Chemical	67	153	35	4	14	1
Civil	82	180	58	87	15	15
Comp Sci	335	543	224	64	94	27
Electrical	425	1003	188	126	88	42
Mechanical	147	284	125	57	54	28
M S & E	31	97	23	59	9	14
Manufacturing	2	5	1	2	2	1
Nuclear	0	0	0	0	0	0
Int Mfg Engr	N/A	N/A	N/A	N/A	N/A	N/A
Engineering	N/A	N/A	N/A	N/A	N/A	N/A
Total	1278	2433	757	429	323	135
%Foreign		65.6%		36.2%		29.5%
2002-2003						
Aerospace	37	51	20	11	5	1
Biomedical	100	106	64	8	24	1
Chemical	53	149	27	14	16	6
Civil	77	192	56	117	21	17
Comp Sci	283	643	199	58	88	12
Electrical	411	1812	168	176	71	60
Mechanical	109	377	74	80	34	35
M S & E	33	121	23	52	8	14
Manufacturing	4	5	2	3	0	0
Nuclear	0	0	0	0	0	0
Int Mfg Engr	N/A	N/A	N/A	N/A	N/A	N/A
Engineering	N/A	N/A	N/A	N/A	N/A	N/A
Total	1107	3456	633	519	267	146
%Foreign		75.7%		45%		35.4%
2001-2002						
Aerospace	28	28	25	12	8	2
Biomedical	91	78	62	50	24	17
Chemical	44	107	22	20	11	9
Civil	56	160	44	86	16	18
Comp Sci	123	526	89	128	38	40
Electrical	202	1112	143	222	55	75
Mechanical	64	162	44	58	22	14
M S & E	8	73	5	44	1	12
Manufacturing	5	6	2	0	0	0
Nuclear	0	0	0	0	0	0
Int Mfg Engr	N/A	N/A	N/A	N/A	N/A	N/A
Engineering	N/A	N/A	N/A	N/A	N/A	N/A
Total	621	2252	436	620	175	187
%Foreign		78.4%		58.7%		51.7%

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Minorities and Women - Undergraduate

	Total Enrolled	Women Number	Percent	Minorities Number	Percent	Foreign Number	Percent
2003	2610	543	20.8%	209	8.0%	143	5.5%
2002	2680	604	22.5%	198	7.3%	n/a	n/a
2001	2707	563	20.8%	188	6.9%	n/a	n/a

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Minorities and Women – Graduate

	Total Enrolled	Women		Minorities		Foreign	
		Number	Percent	Number	Percent	Number	Percent
2003	1490	273	18.3%	54	3.6%	617	41.4%
2002	1341	237	17.7%	45	3.4%	613	45.7%
2001	1165	210	18.0%	39	3.3%	576	49.4%

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M.S. & Ph.D. Graduate – Foreign & Domestic

	Total		Domestic		Foreign	
	MS	PhD	MS	PhD	MS	PhD
2003	445	1045	356	517	89	528
2002	241	1100	206	522	35	578
2001	226	939	182	407	44	532

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Degrees Granted

	2000-2001	2001-2002	2002-2003
B.S.	492	517	625
Aerospace	15	17	41
Chemical	59	46	53
Civil	33	43	40
Computer Science	77	82	111
Com Sci & Engr	101	100	125
Electrical	154	158	180
Materials	4	7	13
Mechanical	49	64	62
M.S.	162	240	292
M.E.	0	0	0
Engineer	1	1	5
Ph.D.	101	92	85
Total	756	850	1007

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Faculty FTE by Departments

	2001-02	2002-03	2003-04
Budgeted Faculty	186.47	191.82	197.7
*Bioengineering	N/A	N/A	4.00
Chemical	11.00	12.00	12.00
Civil	14.00	14.00	14.00
Com Sci	27.00	29.00	32.00
Electrical	40.83	43.83	43.33
MAE	31.00	32.00	30.00
Materials	8.00	9.00	10.00
Biomedical IDP	3.00	0	0
Total	134.83	140.83	145.33
	filled	filled	filled
	roster	roster	roster
	FTE	FTE	FTE

*Bioengineering Department created in 2002

Note: the difference between budgeted FTE and filled roster FTE is used for Teaching Assistants and temporary faculty

04/01/2004