

Report to the University Wide Council on Engineering
Education UCEE

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

Fall 2010
12/7/2010

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Enrollments – Fall Quarters

	2008	2009	2010
Undergraduate Enrollment			
Total Undergraduate	3006	3205	3287
Graduate Enrollment			
Master's Degree	606	681	934
Doctoral Degree	782	821	1048
Total Graduate Enrollment	1388	1502	1982
HSSEAS Total	4171	4508	5269
Campus Total	38896	38476	39593

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Fall Undergraduate Enrollments by Major

	2008	2009	2010
Aerospace Engr	225	240	228
Bioengineering	239	262	254
Chemical Engr	383	368	367
Civil Engr	361	402	395
Computer Sci	274	294	314
Computer Sci & Engr	274	291	300
Electrical Engr	660	758	730
Mechanical Engr	509	489	466
Materials Engr	81	101	114
Undeclared			119
Total	3006	3205	3287

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Undergraduate Admission Statistics

	Freshmen				Transfers			
	Apps	Admits	Positive SIR	Enrolled	Apps	Admits	Positive SIR	Enrolled
2010-2011								
Aerospace	770	128	44	43	96	10	7	7
Bioengineering	1210	334	56	53	118	32	6	5
Chemical	651	260	63	61	161	60	37	35
Civil	1061	200	75	68	282	32	14	14
C S & E	1011	277	79	72	170	51	23	19
Com Sci	734	184	54	51	249	47	25	23
Electrical	729	322	107	101	307	117	58	51
Mechanical	1375	308	89	83	324	40	19	18
Materials	125	82	31	28	29	9	5	5
Undeclared	2072	445	129	119	N/A	N/A	N/A	N/A
Total	9738	2540	727	679	1736	398	194	177
	Freshmen				Transfers			
	Apps	Admits	Positive SIR	Enrolled	Apps	Admits	Positive SIR	Enrolled
2009-2010								
Aerospace	772	143	47	43	83	14	8	8
Bioengineering	1236	327	64	62	100	32	11	10
Chemical	641	247	65	61	140	14	3	3
Civil	1389	258	84	81	210	79	32	35
C S & E	1168	295	80	82	123	21	9	8
Com Sci	740	186	54	50	198	25	11	11
Electrical	837	421	151	151	215	95	59	48
Mechanical	1479	304	74	68	246	47	17	16
Materials	138	93	34	33	21	6	2	2
Total	8400	2274	653	631	1336	333	152	141
	Freshmen				Transfers			
	Apps	Admits	Positive SIR	Enrolled	Apps	Admits	Positive SIR	Enrolled
2008-2009								
Aerospace	803	161	50	50	82	20	11	11
Bioengineering	1135	314	61	58	91	35	12	13
Chemical	542	186	44	44	98	55	26	24
Civil	1152	207	65	66	226	91	39	38
C S & E	1180	211	41	37	131	49	19	19
Com Sci	720	188	58	57	228	48	21	24
Electrical	777	383	126	127	259	131	66	67
Mechanical	1324	294	84	85	242	91	45	46
Materials	141	87	25	23	24	13	5	6
Total	7774	2031	554	547	1381	533	244	248

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Graduate Admission Statistics

	Applicants		Admissions		Enrollments	
	Domestic	Foreign	Domestic	Foreign	Domestic	Foreign
2010-2011						
Aerospace	86	47	72	5	27	0
Biomedical	217	88	113	42	45	24
Chemical	135	105	35	8	13	6
Civil	172	121	116	48	52	19
Comp Sci	252	766	137	189	45	86
Electrical	252	998	131	267	46	138
Mechanical	184	206	138	36	58	16
M S & E	55	128	37	52	18	27
Manufacturing	2	3	1	0	0	0
MS Online	92	6	65	1	61	7
Total	1447	2468	845	648	365	323
%Foreign		63.10%		43.40%		46.95%
	Applicants		Admissions		Enrollments	
	Domestic	Foreign	Domestic	Foreign	Domestic	Foreign
2009-2010						
Aerospace	50	27	40	9	16	3
Biomedical	137	82	78	43	29	17
Chemical	81	134	24	12	11	9
Civil	134	147	111	62	55	23
Comp Sci	155	635	103	182	41	61
Electrical	228	919	128	201	41	62
Mechanical	164	172	115	39	42	21
M S & E	40	125	25	32	13	14
Manufacturing	3	4	1	1	0	0
MS Online	143	0	109	0	84	10
Total	1135	2245	734	581	332	220
%Foreign		66.42%		44.18%		39.86%
	Applicants		Admissions		Enrollments	
	Domestic	Foreign	Domestic	Foreign	Domestic	Foreign
2008-2009						
Aerospace	59	30	43	5	17	2
Biomedical	110	81	77	45	29	10
Chemical	81	119	36	5	11	3
Civil	83	108	65	55	31	22
Comp Sci	193	557	122	98	53	49
Electrical	263	836	170	193	88	78
Mechanical	149	159	106	41	41	30
M S & E	38	120	24	25	11	9
Manufacturing	1	3	1	0	1	0
MS Online	139	0	93	0	87	0
Total	1116	2013	737	467	369	203
%Foreign		64.30%		38.70%		35.48%

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 Undergraduate
 Foreign, Minorities, Women

	Total	Women		Minorities		Foreign	
		Number	Percent	Number	Percent	Number	Percent
2010	3287	537	16.34%	310	9.43%	346	10.53%
2009	3205	624	19.47%	304	9.49%	309	9.64%
2008	3006	574	19.10%	282	9.38%	255	8.48%

Gender
 Breakdown by
 Major

Fall 2010	Female	Male
B.S. Major	Female	Male
Aerospace Engineering	27	201
Bioengineering	87	167
Chemical Engineering	115	252
Civil Engineering	134	261
Computer Science	47	267
Computer Science	37	263
Electrical Engineering	99	631
Materials Engineering	23	91
Mechanical Engineering	58	408
Undeclared	25	94
TOTAL	652	2635

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Graduate
Foreign, Minorities, Women

	Total Enrolled	Women		Minorities		Foreign	
		Number	Percent	Number	Percent	Number	Percent
2010	1982	360	18.16%	85	4.29%	739	37.29%
2009	1635	295	18.04%	84	5.14%	633	38.72%
2008	1502	275	18.31%	77	5.12%	540	35.95%

Gender Breakdown by Major

	Fall 2008			Fall 2009			Fall 2010		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
Master's									
Aerospace Engineering	1	22	28	3	26	29	7	38	45
Biomedical Engineering	10	26	36	14	17	31	7	17	24
Chemical Engineering	3	4	7	3	5	8	2	11	13
Civil and Environmental Engineering	25	28	53	20	48	68	19	71	90
Computer Science	21	133	154	21	107	128	33	113	146
Electrical Engineering	23	141	164	17	146	163	41	203	244
Materials Science Engineering	7	10	17	9	16	25	8	22	30
Manufacturing Engineering	0	0	0	0	0	0	0	0	0
Mechanical Engineering	11	67	78	10	73	83	16	68	84
MS Online	29	120	149	37	185	222	47	211	258
Sub-Total	130	551	681	134	623	757	180	754	934
	Female	Male	Total	Female	Male	Total	Female	Male	Total
Ph.D.									
Aerospace Engineering	3	28	31	1	24	25	2	26	28
Biomedical Engineering	25	56	81	32	77	109	48	151	199
Chemical Engineering	19	47	66	25	44	69	28	70	98
Civil and Environmental Engr.	21	38	59	27	43	70	29	72	101
Computer Science	20	169	189	22	187	209	23	184	207
Electrical Engineering	22	185	207	21	187	208	16	194	210
Materials Science Engineering	15	50	65	16	50	66	17	64	81
Manufacturing Engineering	0	0	0	0	0	0	0	0	0
Mechanical Engineering	20	103	123	17	105	122	17	107	124
Sub-Total	145	676	821	161	717	878	180	868	1048
MS and Ph.D.	275	1227	1502	295	1340	1635	360	1429	1982
TOTAL									

*As reported by the Office of Analysis and Information Management

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

	Total		Domestic		Foreign	
	MS	PhD	MS	PhD	MS	PhD
2010	934	1048	653	590	281	458
2009	757	878	578	414	179	464
2008	681	821	542	420	139	401

*As reported by the Office of Analysis and Information Management

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**Undergraduate- Degrees Awarded by Major
2007-2008 2008-2009 2009-2010**

B.S. TOTAL	461	517	634
Aerospace	36	34	52
Bioengineering*	26	27	48
Chemical	47	70	84
Civil	45	81	83
Computer Science	51	49	60
Com Sci & Engr	40	31	45
Electrical	109	111	128
Materials	15	11	16
Mechanical	92	103	118

*new undergraduate major as of Fall 2004

**Graduate- Degrees Awarded by Major
2007-2008 2008-2009 2009-2010**

M.S. TOTAL	324	307	402
(breakdown)			
Aerospace	14	13	13
Biomedical	22	23	30
Chemical Eng	10	1	10
Civil Engineering	44	52	51
Computer Science	66	80	90
Electrical	81	69	79
Engineering Online	*	3	41
M.S.			
Manufacturing	1	1	0
Materials Science	15	14	20
Mechanical	71	51	68
Engineer Degree	3	2	3
Ph.D. TOTAL	134	143	134
(breakdown)			
Aerospace	5	6	3
Biomedical	22	15	11
Chemical Eng	7	15	11
Civil Engineering	11	10	19
Computer Science	18	27	27
Electrical	36	39	36
Manufacturing	0	0	0
Materials Science	11	7	15
Mechanical	24	24	12
Nuclear	0	0	0
GRAD TOTAL	461	452	539