

Report to the University Wide Council on Engineering
Education UCEE

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

Fall 2008

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Admission, Enrollment & Degree Statistics

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Enrollments – Fall Quarters

	2006	2007	2008
Undergraduate Enrollment			
Lower Division	787	1107	1050
Upper Division	1526	1676	1956
Total Undergraduate	2313	2783	3006
Graduate Enrollment			
Master's Degree	495	606	681
Doctoral Degree	800	782	821
Total Graduate Enrollment	1295	1388	1502
HSSEAS Total	3599	4171	4508
Campus Total	36611	38896	38476

Fall Undergraduate Enrollments by Major

	2006	2007	2008
Aerospace Engr	205	215	225
Bioengineering	135	209	239
Chemical Engr	280	374	383
Civil Engr	254	302	361
Computer Sci	220	253	274
Computer Sci &	285	294	274
Electrical Engr	477	565	660
Mechanical Engr	386	495	509
Materials Engr	70	76	81
Total	2313	2783	3006

Undergraduate Admission Statistics

	Freshmen			Enrolled	Transfers			Enrolled
	Apps	Admits	Positive SIR		Apps	Admits	Positive SIR	
2008-2009								
Aerospace	803	161	49	49	82	20	11	11
Bioengineering	1135	314	61	61	91	35	13	13
Chemical	542	186	44	44	98	55	26	26
Civil	1152	207	64	64	226	91	41	41
C S & E	1180	211	41	41	131	49	22	22
Com Sci	720	188	57	57	228	48	22	22
Electrical	777	383	126	126	259	131	70	70
Mechanical	1324	294	83	83	242	91	46	46
Materials	141	87	25	25	24	13	8	8
Total	7774	2031	550	550	1381	533	259	259

	Freshmen			Transfers		
	Apps	Admits	Enrolled	Apps	Admits	Enrolled
2007-2008						
Aerospace	633	146	60	48	25	16
Bioengineering	949	308	61	79	40	12
Chemical	516	278	121	112	67	33
Civil	999	187	63	149	79	38
C S & E	1018	258	91	105	37	20
Com Sci	603	155	71	164	61	26
Electrical	777	407	157	206	108	46
Mechanical	1150	330	130	184	98	45
Materials	113	67	29	18	9	1
Total	6758	2136	783	1065	524	237

	Freshmen			Transfers		
	Apps	Admits	Enrolled	Apps	Admits	Enrolled
2006-2007						
Aerospace	687	142	45	57	23	11
Bioengineering	960	317	63	72	19	4
Chemical	505	226	72	81	43	20
Civil	889	129	38	156	56	26
C S & E	970	219	71	110	32	13
Com Sci	539	123	38	162	44	17
Electrical	672	273	82	226	96	51
Mechanical	1021	226	62	188	80	38
Materials	113	60	16	17	7	5
Total	6356	1715	487	1069	400	185

Graduate Admission Statistics

	Applicants		Admissions		Enrollments		Positive SIR	
	Domestic	Foreign	Domestic	Foreign	Domestic	Foreign	Domestic	Foreign
2008-2009								
Aerospace	59	30	43	5	17	2	17	2
Biomedical	110	81	77	45	29	10	29	10
Chemical	81	119	36	5	11	3	11	3
Civil	83	108	65	55	31	22	31	22
Comp Sci	193	557	122	98	53	49	53	49
Electrical	263	836	170	193	88	78	88	78
Mechanical	149	159	106	41	41	30	41	30
M S & E	38	120	24	25	11	9	11	9
Manufacturing	1	3	1	0	1	0	1	0
MS Online	139	0	93	0	87	0	87	0
Total	1116	2013	737	467	369	203	369	203
%Foreign		64.30%		38.70%		32.10%		32.10%
2007-2008								
Aerospace	60	33	51	3	27	2		
Biomedical	132	74	82	38	30	13		
Chemical	63	131	32	11	7	5		
Civil	104	108	82	49	32	19		
Comp Sci	220	593	184	92	94	51		
Electrical	289	915	139	107	45	34		
Mechanical	148	199	132	26	60	17		
M S & E	33	123	30	64	14	21		
Manufacturing	1	0	1	0	0	0		
MS Online	94	7	75	0	67	0		
Total	1144	2183	808	390	376	162		
%Foreign								
2006-2007								
Aerospace	49	28	41	7	17	4		
Biomedical	157	53	73	27	19	7		
Chemical	56	92	31	13	9	8		
Civil	90	82	71	46	30	12		
Comp Sci	211	518	163	55	68	24		
Electrical	317	806	140	141	42	57		
Mechanical	140	181	117	30	57	17		
M S & E	40	88	29	55	8	22		
Manufacturing	3	4	2	0	1	0		
Total	1063	1852	667	374	251	151		
%Foreign		63.50%		35.90%		37.60%		

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 Undergraduate
 Foreign, Minorities, Women

	Total Enrolled	Women		Minorities		Foreign	
		Number	Percent	Number	Percent	Number	Percent
2008	3006	574	19.10%	282	9.38%	255	8.48%
2007	2783	521	18.72%	256	9.20%	182	6.54%
2006	2313	431	18.63%	200	8.65%	123	5.32%

Gender Breakdown by Major

Fall 2008	Female	Male
B.S. Major	Female	Male
Aerospace Engineering	30	195
Bioengineering	87	152
Chemical Engineering	142	241
Civil Engineering	108	253
Computer Science	29	245
Computer Science & Engr	27	247
Electrical Engineering	80	580
Materials Engineering	15	66
Mechanical Engineering	56	453
TOTAL	574	2432

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 Graduate
 Foreign, Minorities, Women

	Total Enrolled	Women		Minorities		Foreign	
		Number	Percent	Number	Percent	Number	Percent
2008	1502	275	18.31%	77	5.12%	540	35.95%
2006	1295	264	20.39%	50	3.86%	516	39.85%

Gender Breakdown by Major

Fall 2008	Female	Male
Master's		
Aerospace Engineering	1	22
Biomedical Engineering	10	26
Chemical Engineering	3	4
Civil and Environmental Engr.	25	28
Computer Science	21	133
Electrical Engineering	23	141
Materials Science Engineering	7	10
Manufacturing Mechanical Engineering	0	0
MS Online	11	67
Sub-Total	29	120
	130	551
	Female	Male
Ph.D.		
Aerospace Engineering	3	28
Biomedical Engineering	25	56
Chemical Engineering	19	47
Civil and Environmental Engr.	21	38
Computer Science	20	169
Electrical Engineering	22	185
Materials Science Engineering	15	50
Manufacturing Mechanical Engineering	0	0
Sub-Total	20	103
TOTAL	275	1227

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

	Total		Domestic		Foreign	
	MS	PhD	MS	PhD	MS	PhD
2008	681	821	542	420	139	401
2007	606	782	488	399	118	383
2006	495	800	389	390	106	410

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Undergraduate- Degrees Awarded by Major

	2005- 2006	2006- 2007	2007- 2008
B.S. TOTAL	537	519	461
Aerospace	46	42	36
Bioengineering*	0	6	26
Chemical	53	57	47
Civil	51	64	45
Computer Science	62	62	51
Com Sci & Engr	73	68	40
Electrical	147	121	109
Materials	21	18	15
Mechanical	84	81	92

*new undergraduate major as of Fall 2004

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Graduate- Degrees Awarded by Major

	2005- 2006	2006- 2007	2007- 2008
M.S. TOTAL	307	284	324
(breakdown)			
Aerospace	8	17	14
Biomedical	39	26	22
Chemical Eng	8	8	10
Civil Engineering	40	40	44
Computer Science	65	47	66
Electrical	82	80	81
Manufacturing	0	1	1
Materials Science	11	14	15
Mechanical	54	51	71
Ph.D. TOTAL	142	157	134
(breakdown)			
Aerospace	2	0	5
Biomedical	16	13	22
Chemical Eng	5	15	7
Civil Engineering	15	7	11
Computer Science	35	27	18
Electrical	36	56	36
Manufacturing	0	0	0
Materials Science	12	15	11
Mechanical	21	24	24
Nuclear	0	0	0
Engineer Degree	4	2	3
GRAD TOTAL	453	443	458