Report to the University Wide Council on Engineering Education UCEE

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

Fall 2011
11/29/2011

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

Admission, Enrollment & Degree Statistics

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

Enrollments* – Fall Quarters

	2009	2010	2011
Undergraduate Enrollment			
Total Undergraduate	**3205**	**3205**	**3205**
Graduate Enrollment			
Master's Degree	681	934	924
Doctoral Degree	821	1048	921
Total Graduate Enrollment	**1502**	**1982**	**1845**
HSSEAS Total	**4707**	**5187**	**5050**
Campus			
Undergrad Total	**26,687**	**26,162**	**27,199**
Campus Total	**38,476**	**39,593**	**40,675**

*As reported by the Office of Analysis and Information Management based on November 4, 2011, enrollment numbers

Henry Samueli School of Engineering and Applied Science
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Fall Undergraduate Enrollments* by Major

	2009	2010	2011
Aerospace Engr	240	228	198
Bioengineering	262	254	261
Chemical Engr	368	367	358
Civil Engr	402	395	382
Comp Sci	294	314	354
Comp Sci & Engr	291	300	287
Electrical Engr	758	730	759
Materials Engr	101	114	121
Mechanical Engr	489	466	424
Undeclared Engr		119	167
Total	**3205**	**3287**	**3311**

*As reported by the Office of Analysis and Information Management based on November 4, 2011, enrollment numbers

Henry Samueli School of Engineering and Applied Science
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Undergraduate Admission* Statistics

	Freshman Apps	Admits	Positive SIR	Enrolled	Transfers Apps	Admits	Positive SIR	Enrolled
2011-2012								
Aerospace Engr	832	131	33	32	105	17	11	11
Bioengineering	1458	365	82	78	154	36	11	9
Chemical Engr	716	303	79	74	181	28	11	10
Civil Engr	1153	222	78	75	266	27	12	11
Comp Sci	1000	250	75	70	338	27	12	11
Comp Sci & Engr	1259	313	80	77	202	29	7	8
Electrical Engr	792	427	177	169	329	117	60	54
Materials Engr	175	98	31	28	35	7	3	2
Mechanical Engr	1524	300	100	88	367	63	25	25
Undeclared Engr	2448	402	97	92	N/A	N/A	N/A	N/A
Total	**11357**	**2811**	**832**	**783**	**1977**	**351**	**152**	**141**

	Freshman Apps	Admits	Positive SIR	Enrolled	Transfers Apps	Admits	Positive SIR	Enrolled
2010-2011								
Aerospace Engr	770	128	44	43	96	10	7	7
Bioengineering	1210	334	56	53	118	32	6	5
Chemical Engr	651	260	63	61	161	60	37	35
Civil Engr	1061	200	75	68	282	32	14	14
Comp Sci	734	184	54	51	249	47	25	23
Comp Sci & Engr	1011	277	79	72	170	51	23	19
Electrical Engr	729	322	107	101	307	117	58	51
Materials Engr	125	82	31	28	29	9	5	5
Mechanical Engr	1375	308	89	83	324	40	19	18
Undeclared Engr	2072	445	129	119	N/A	N/A	N/A	N/A
Total	**9738**	**2540**	**727**	**679**	**1736**	**398**	**194**	**177**

	Freshmen Apps	Admits	Positive SIR	Enrolled	Transfers Apps	Admits	Positive SIR	Enrolled
2009-2010								
Aerospace Engr	772	143	47	43	83	14	8	8
Bioengineering	1236	327	64	62	100	32	11	10
Chemical Engr	641	247	65	61	140	14	3	3
Civil Engr	1389	258	84	81	210	79	32	35
Comp Sci	740	186	54	50	198	25	11	11
Comp Sci & Engr	1168	295	80	82	123	21	9	8
Electrical Engr	837	421	151	151	215	95	59	48
Materials Engr	138	93	34	33	21	6	2	2
Mechanical Engr	1479	304	74	68	246	47	17	16
Total	**8400**	**2274**	**653**	**631**	**1336**	**333**	**152**	**141**

*As reported by SEASnet on October 14, 2011

Henry Samueli School of Engineering and Applied Science
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Graduate Admission* Statistics

	Applicants			Admissions			Enrollments		
2011-2012	**Domestic**	**Foreign**	**Total**	**Domestic**	**Foreign**	**Total**	**Domestic**	**Foreign**	**Total**
Aerospace Engr	80	47	127	62	8	70	23	4	27
Biomedical Engr	216	122	338	87	33	120	27	15	42
Chemical Engr	143	199	342	15	12	27	5	10	15
Civil Engr	211	186	397	145	64	209	68	29	97
Comp Sci	199	807	1006	97	119	216	37	45	82
Electrical Engr	294	1423	1717	157	254	411	70	112	182
Manufacturing	2	6	8	0	2	2	0	0	0
Materials Sci & Engr	58	164	222	33	73	106	10	22	32
Mechanical Engr	217	261	478	160	44	204	60	26	86
MS Online	109	16	125	84	12	96	70	8	78
Total	**1529**	**3231**	**4760**	**840**	**621**	**1461**	**370**	**271**	**641**
%Foreign		67.88%			42.51%			42.28%	

	Applicants			Admissions			Enrollments		
2010-2011	**Domestic**	**Foreign**	**Total**	**Domestic**	**Foreign**	**Total**	**Domestic**	**Foreign**	**Total**
Aerospace Engr	86	47	133	72	5	77	27	0	27
Biomedical Engr	217	88	305	113	42	155	45	24	69
Chemical Engr	135	105	240	35	8	43	13	6	19
Civil Engr	172	121	293	116	48	164	52	19	71
Comp Sci	252	766	1018	137	189	326	45	86	131
Electrical Engr	252	998	1250	131	267	398	46	138	184
Manufacturing	2	3	5	1	0	1	0	0	0
Materials Sci & Engr	55	128	183	37	52	89	18	27	45
Mechanical Engr	184	206	390	138	36	174	58	16	74
MS Online	92	6	98	65	1	66	61	7	68
Total	**1447**	**2468**	**3915**	**845**	**648**	**1493**	**365**	**323**	**688**
%Foreign		63.04%			43.40%			46.95%	

	Applicants			Admissions			Enrollments		
2009-2010	**Domestic**	**Foreign**	**Total**	**Domestic**	**Foreign**	**Total**	**Domestic**	**Foreign**	**Total**
Aerospace Engr	50	27	77	40	9	49	16	3	19
Biomedical Engr	137	82	219	78	43	121	29	17	46
Chemical Engr	81	134	215	24	12	36	11	9	20
Civil Engr	134	147	281	111	62	173	55	23	78
Comp Sci	155	635	790	103	182	285	41	61	102
Electrical Engr	228	919	1147	128	201	329	41	62	103
Manufacturing	3	4	7	1	1	2	0	0	0
Materials Sci & Engr	40	125	165	25	32	57	13	14	27
Mechanical Engr	164	172	336	115	39	154	42	21	63
MS Online	143	0	143	109	0	109	84	10	94
Total	**1135**	**2245**	**3380**	**734**	**581**	**1315**	**332**	**220**	**552**
%Foreign		66.42%			44.18%			39.86%	

*As reported by SEASnet on October 14, 2011

Henry Samueli School of Engineering and Applied Science
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Undergraduate Enrollment
Foreign*, Minorities, Women***

	Total Enrolled	Women		Minorities		Foreign	
		Number	Percent	Number	Percent	Number	Percent
2011***	3311	692	20.90%	285	8.61%	418	12.62%
2010	3287	537	16.34%	310	9.43%	346	10.53%
2009	3205	624	19.47%	304	9.49%	309	9.64%

Gender
Breakdown by
Major*
Fall 2011

B.S. Major	Female	Male
Aerospace Engr	24	174
Chemical Engr	116	242
Civil Engr	134	248
Comp Sci	50	304
Comp Sci & Engr	48	239
Electrical Engr	111	648
Materials Engr	27	94
Mechanical Engr	42	382
Undeclared	40	127
TOTAL	**692**	**2619**

*As reported by the Office of Analysis and Information Management based on November 4, 2011, enrollment numbers
**As reported by SEASnet on October 14, 2011
***As of 2011, a new ethnicity category called "2 or more ethnicities" was added that is not included under minorities

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Graduate Foreign, Minorities, Women

	Total Enrolled	Women		Minorities		Foreign	
		Number	Percent	Number	Percent	Number	Percent
2011	1845	368	19.95%	140	7.59%	799	43.31%
2010	1982	360	18.16%	85	4.29%	739	37.29%
2009	1635	295	18.04%	84	5.14%	633	38.72%

Gender Breakdown by Major

	Fall 2009			Fall 2010			Fall 2011		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
Master's									
Aerospace Engr	3	26	29	7	38	45	5	30	35
Biomedical Engr	14	17	31	7	17	24	11	16	27
Chemical Engr	3	5	8	2	11	13	2	6	8
Civil Engr	20	48	68	19	71	90	31	68	99
Comp Sci	21	107	128	33	113	146	27	99	126
Electrical Engr	17	146	163	41	203	244	58	231	289
Materials Sci Engr	9	16	25	8	22	30	2	17	19
Manufacturing	0	0	0	0	0	0	0	0	0
Mechanical Engr	10	73	83	16	68	84	17	53	70
MS Online	37	185	222	47	211	258	40	211	251
Sub-Total	134	623	757	180	754	934	193	731	924
	Female	**Male**	**Total**	**Female**	**Male**	**Total**	**Female**	**Male**	**Total**
Ph.D.									
Aerospace Engr	1	24	25	2	26	28	3	29	32
Biomedical Engr	32	77	109	48	151	199	47	98	145
Chemical Engr	25	44	69	28	70	98	28	43	71
Civil Engr.	27	43	70	29	72	101	27	46	73
Comp Sci	22	187	209	23	184	207	22	172	194
Electrical Engr	21	187	208	16	194	210	13	168	181
Materials Sci Engr	16	50	66	17	64	81	17	70	87
Manufacturing	0	0	0	0	0	0	0	0	0
Mechanical Engr	17	105	122	17	107	124	18	120	138
Sub-Total	161	717	878	180	868	1048	175	746	921
MS and Ph.D. TOTAL	**295**	**1340**	**1635**	**360**	**1429**	**1982**	**368**	**1477**	**1845**

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

	Total MS	Total PhD	Domestic MS	Domestic PhD	Total Domestic	Foreign MS	Foreign PhD	Total Foreign
2011	924	921	593	453	1046	331	468	799
2010	934	1048	653	590	1243	281	458	739
2009	757	878	578	414	992	179	464	643

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Undergraduate Degrees Awarded by Major*

	2008-2009	2009-2010	2010-2011
B.S. TOTAL	**517**	**634**	**769**
Aerospace Engr	34	52	49
Bioengineering	27	48	57
Chemical Engr	70	84	102
Civil Engr	81	83	100
Comp Sci	49	60	67
Comp Sci & Engr	31	45	55
Electrical Engr	111	128	175
Materials Engr	11	16	16
Mechanical Engr	103	118	148

Graduate Degrees Awarded by Major

	2008-2009	2009-2010	2010-2011
M.S. TOTAL	**307**	**402**	**441**
Aerospace Engr	13	13	17
Biomedical Engr	23	30	31
Chemical Engr	1	10	6
Civil Engr	52	51	66
Comp Sci	80	90	86
Electrical Engr	69	79	72
MS Online	3	41	74
Manufacturing	1	0	0
Materials Sci & Engr	14	20	20
Mechanical Engr	51	68	69
Engineer Degree	**2**	**3**	**0**
Ph.D. TOTAL	**143**	**134**	**132**
Aerospace Engr	6	3	4
Biomedical Engr	15	11	13
Chemical Eng	15	11	11
Civil Engr	10	19	6
Computer Science	27	27	27
Electrical Engr	39	36	43
Manufacturing	0	0	0
Materials Sci & Engr	7	15	8
Mechanical Engr	24	12	20
Nuclear Engr	0	0	0
GRAD TOTAL	**452**	**539**	**573**

**As reported by SEASnet on October 14, 2011