

UCLA ENGINEERING

Henry Samueli School of Engineering and Applied Science

Birthplace of the Internet

Report to the University-Wide Council on Engineering Education (UCEE)

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Admission, Enrollment & Degree Statistics

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Fall Quarter Enrollment*

Undergraduate Enrollment

	2014	2015	2016
Aerospace Engineering	176	180	195
Bioengineering	268	270	270
Chemical Engineering	311	332	321
Civil Engineering	310	289	302
Computer Science	486	563	667
Computer Science & Engineering	242	300	331
Electrical Engineering	684	565	604
Materials Engineering	127	115	127
Mechanical Engineering	414	494	535
Undeclared Engineering	143	130	128
Total Undergraduate Enrollment	3,161	3,238	3,480

Graduate Enrollment**

	2014	2015	2016
Master's Degree	972	1159	1245
Doctoral Degree	956	905	942
Total Graduate Enrollment	1,928	2,064	2,187

Total HSSEAS Enrollment **5,089** **5,302** **5,667**

UCLA Campus Undergraduate Total **29,633** **29,585** **30,873**

UCLA Campus Total **43,239** **43,301** **43,548**

**As reported by the Office of Analysis and Information Management based on November 2016 enrollment numbers*

***Graduate Enrollment by specific degree and major listed on page 8*

Undergraduate Freshman Admission Statistics*

	<i>Applications</i>	<i>Admits</i>	<i>Admit Rate</i>	<i>Positive SJR</i>	<i>Enrolled</i>
2016-2017					
Aerospace Engineering	1,442	154	10.7%	55	52
Bioengineering	2,228	288	12.9%	66	62
Chemical Engineering	1,332	227	17.0%	68	93
Civil Engineering	1,450	220	15.2%	84	62
Computer Science	5,251	543	10.3%	115	81
Computer Science & Engineering	3,320	364	11.0%	100	107
Electrical Engineering	1,480	327	22.1%	121	121
Materials Engineering	407	124	30.5%	43	40
Mechanical Engineering	2,993	293	9.8%	87	85
Undeclared Engineering	3,122	271	8.7%	71	71
Total	23,025	2,811	12.2%	810	774
2015-2016					
Aerospace Engineering	1,184	151	12.8%	40	34
Bioengineering	2,166	299	13.8%	64	61
Chemical Engineering	1,386	248	17.9%	66	63
Civil Engineering	1,571	229	14.6%	71	66
Computer Science	4,219	507	12.0%	110	98
Computer Science & Engineering	3,022	450	14.9%	118	102
Electrical Engineering	1,337	265	19.8%	100	88
Materials Engineering	328	96	29.3%	26	24
Mechanical Engineering	2,993	375	12.5%	143	127
Undeclared Engineering	3,122	295	9.4%	81	70
Total	21,328	2,915	13.7%	819	733
2014-2015					
Aerospace Engineering	1,164	141	12.1%	35	35
Bioengineering	2,232	284	12.7%	53	50
Chemical Engineering	1,388	250	18.0%	54	54
Civil Engineering	1,544	215	13.9%	63	61
Computer Science	3,335	276	8.3%	50	50
Computer Science & Engineering	2,697	337	12.5%	58	58
Electrical Engineering	1,433	360	25.1%	148	148
Materials Engineering	326	107	32.8%	25	25
Mechanical Engineering	2,788	309	11.1%	78	78
Undeclared Engineering	2,999	314	10.5%	79	79
Total	19,906	2,593	13.0%	643	638

*As reported by the Office of Analysis and Information Management in November 2016

Undergraduate Transfer Admission Statistics*

	<i>Applications</i>	<i>Admits</i>	<i>Admit Rate</i>	<i>Positive SJR</i>	<i>Enrolled</i>
2016-2017					
Aerospace Engineering	164	21	12.8%	14	17
Bioengineering	177	22	12.4%	16	13
Chemical Engineering	281	41	14.6%	13	12
Civil Engineering	253	41	16.2%	19	16
Computer Science	1,110	59	5.3%	33	32
Computer Science & Engineering	355	51	14.4%	29	25
Electrical Engineering	455	129	28.4%	80	82
Materials Engineering	76	9	11.8%	1	1
Mechanical Engineering	627	89	14.2%	41	42
Total	3,498	462	13.2%	246	240
2015-2016					
Aerospace Engineering	140	17	12.1%	14	13
Bioengineering	172	9	5.2%	0	0
Chemical Engineering	252	32	12.7%	20	18
Civil Engineering	243	33	13.6%	16	16
Computer Science	836	31	3.7%	13	13
Computer Science & Engineering	315	35	11.1%	17	17
Electrical Engineering	405	65	16.0%	34	33
Materials Engineering	53	11	20.8%	7	6
Mechanical Engineering	555	91	16.4%	37	35
Total	2,971	324	10.9%	158	151
2014-2015					
Aerospace Engineering	100	20	20.0%	12	12
Bioengineering	162	18	11.1%	9	9
Chemical Engineering	285	24	8.4%	10	10
Civil Engineering	226	30	13.3%	12	12
Computer Science	640	36	5.6%	21	20
Computer Science & Engineering	308	37	12.0%	13	13
Electrical Engineering	381	64	16.8%	35	35
Materials Engineering	64	7	10.9%	3	3
Mechanical Engineering	471	108	22.9%	49	49
Total	2,637	344	13.0%	164	163

As Reported by SEASnet on October 15, 2015

Graduate Admission Statistics*

	<i>Applicants</i>			<i>Admits</i>			<i>Enrolled</i>		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
2016-2017									
Aerospace Engineering	94	86	180	55	14	69	20	2	22
Bioengineering**	239	182	421	94	45	139	17	14	31
Chemical Engineering	133	287	420	20	29	49	7	20	27
Civil Engineering	144	290	434	114	179	293	37	51	88
Computer Science	291	2,180	2,471	96	181	277	34	99	133
Electrical Engineering	208	1,754	1,962	113	344	457	33	152	185
Manufacturing Engineering	0	8	8	0	0	0	0	0	0
Materials Science & Engineering	72	273	345	53	131	184	18	40	58
Mechanical Engineering	229	561	790	150	158	308	52	43	95
MS Engineering Online	145	27	172	109	16	125	91	10	101
Total	1,555	5,648	7,203	804	1,097	1,901	309	431	740
% Foreign		78.41%			57.71%			58.24%	

	<i>Applicants</i>			<i>Admits</i>			<i>Enrolled</i>		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
2015-2016									
Aerospace Engineering	83	65	148	48	18	66	22	5	27
Bioengineering**	243	166	409	97	38	135	23	22	45
Chemical Engineering	126	247	373	19	15	34	11	10	21
Civil Engineering	164	307	471	124	168	292	48	70	118
Computer Science	249	1,943	2,192	124	143	267	60	83	143
Electrical Engineering	187	1,606	1,793	96	372	468	40	227	267
Manufacturing Engineering	1	6	7	0	0	0	0	0	0
Materials Science & Engineering	65	176	241	41	82	123	11	26	37
Mechanical Engineering	206	519	725	140	137	277	53	54	107
MS Engineering Online	146	37	183	122	21	143	95	11	106
Total	1,470	5,072	6,542	811	994	1,805	363	508	871
% Foreign		77.53%			55.07%			58.32%	

	<i>Applicants</i>			<i>Admits</i>			<i>Enrolled</i>		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
2014-2015									
Aerospace Engineering	89	86	175	47	20	67	14	5	19
Bioengineering**	211	153	364	97	51	148	25	19	44
Chemical Engineering	141	268	409	25	21	46	11	12	23
Civil Engineering	178	250	428	116	130	246	42	43	85
Computer Science	203	1,281	1,484	100	224	324	46	132	178
Electrical Engineering	232	1,795	2,027	105	299	404	34	144	178
Manufacturing Engineering	0	10	10	0	0	0	0	0	0
Materials Science & Engineering	90	244	334	60	106	166	28	29	57
Mechanical Engineering	218	530	748	134	143	277	52	44	96
MS Engineering Online	97	22	119	74	15	89	64	11	75
Total	1,459	4,639	6,098	758	1,009	1,767	316	439	755
% Foreign		76.07%			57.10%			58.15%	

*As reported by SEASnet on December 21, 2015

**Effective Fall 2012, the Biomedical Engineering graduate program has been transferred to the Department of Bioengineering

Undergraduate Enrollment*

Foreign Students, Minorities, and Women

	Total Enrolled	Females Enrolled	Percent Female	Minorities Enrolled	Percent Minorities	Foreign Enrolled	Percent Foreign
2016**	3,494	824	23.70%	318	9.10%	607	17.37%
2015**	3,238	748	23.1%	285	8.8%	631	19.5%
2014**	3,161	721	22.8%	270	8.5%	592	18.7%

Gender Breakdown by Major

B.S. Major	Male	Female	% Female
Aerospace Engineering	155	40	20.5%
Bioengineering	155	115	42.6%
Chemical Engineering	212	109	34.0%
Civil Engineering	188	114	37.7%
Computer Science	532	135	20.2%
Computer Science & Engineering	284	47	14.2%
Electrical Engineering	510	94	15.6%
Materials Engineering	88	39	30.7%
Mechanical Engineering	441	94	17.6%
Undeclared Engineering	91	37	28.9%
Total	2,656	824	23.7%

*As reported by the Office of Analysis and Information Management in November 2016

**As of 2011, a new ethnicity category called "2 or more ethnicities" was added that is not included under minorities

Graduate Enrollment*

Foreign Students, Minorities, and Women

	Total Enrolled	Females Enrolled	Percent Female	Minorities Enrolled	Percent Minorities	Foreign Enrolled	Percent Foreign
2016	2187	503	23.00%	119	5.44%	1217	55.65%
2015	2064	471	22.8%	127	6.2%	1131	54.8%
2014	1928	424	22.0%	108	5.6%	1033	53.6%

Gender Breakdown by Major

<i>M.S.</i>	<i>Fall 2014</i>			<i>Fall 2015</i>			<i>Fall 2016</i>		
	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>
Aerospace Engineering	1	16	17	0	18	18	1	25	26
Bioengineering**	12	17	29	13	21	34	17	19	36
Biomedical Engineering**	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Chemical Engineering	4	9	13	4	13	17	4	19	23
Civil Engineering	36	40	76	34	78	112	37	76	113
Computer Science	58	161	219	59	142	201	66	133	199
Electrical Engineering	59	214	273	76	261	337	79	255	334
Materials Science & Engineering	14	24	38	19	22	41	22	34	56
Manufacturing Engineering	0	0	0	0	0	0	0	0	0
Mechanical Engineering	17	88	105	17	77	94	18	89	107
MS Engineering Online	40	162	202	57	248	305	63	288	351
<i>M.S. Sub-Total</i>	241	731	972	279	880	1159	307	938	1245

<i>Ph.D.</i>	<i>Fall 2014</i>			<i>Fall 2015</i>			<i>Fall 2016</i>		
	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>
Aerospace Engineering	2	33	35	2	37	39	2	37	39
Bioengineering**†	45	107	152	47	86	133	35	78	113
Biomedical Engineering**	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Chemical Engineering	25	62	87	23	57	80	20	62	82
Civil Engineering	24	39	63	28	41	69	25	40	65
Computer Science	19	122	141	23	107	130	27	118	145
Electrical Engineering†	22	192	214	26	173	199	32	188	220
Materials Science & Engineering	25	98	123	22	87	109	29	92	121
Manufacturing Engineering	0	0	0	0	0	0	0	0	0
Mechanical Engineering	21	120	141	21	125	146	26	131	157
<i>Ph.D. Sub-Total</i>	183	773	956	192	713	905	196	746	942

<i>M.S. and Ph.D. Total</i>	424	1504	1928	471	1593	2064	503	1684	2187
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*As reported by the Office of Analysis and Information Management in November 2016

**Effective Fall 2012, the Biomedical Engineering graduate program has been transferred to the Department of Bioengineering

†One PhD student is a double major, Bioengineering and Electrical Engineering

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

	Total		Foreign		Domestic		Total	
	M.S.	Ph.D.	M.S.	Ph.D.	M.S.	Ph.D.	Domestic	Foreign
2016	1245	942	615	602	303	340	643	1217
2015	1159	905	593	539	254	366	620	1132
2014	972	956	494	539	478	417	895	1033

**As reported by the Office of Analysis and Information Management in November 2016*

Degrees Awarded

Undergraduate Degrees Awarded by Major*

	2013-2014	2014-2015	2015-2016
Aerospace Engineering	40	37	34
Bioengineering	46	56	65
Chemical Engineering	90	83	82
Civil Engineering	89	82	66
Computer Science	135	151	183
Computer Science & Engineering	34	38	30
Electrical Engineering	151	165	130
Materials Engineering	25	21	29
Mechanical Engineering	110	108	101
B.S. Total	720	741	720

Graduate Degrees Awarded by Major

	2013-2014	2014-2015	2015-2016
Aerospace Engineering	18	20	12
Bioengineering**	36	30	41
Biomedical Engineering**	n/a	n/a	n/a
Chemical Engineering	6	9	9
Civil Engineering	86	63	76
Computer Science	75	115	162
MS Engineering Online	92	50	93
Electrical Engineering	176	161	152
Materials Science & Engineering	22	27	24
Mechanical Engineering	75	82	70
M.S. Total	586	557	639

	2013-2014	2014-2015	2015-2016
Engineer Degree	0	1	1

	2013-2014	2014-2015	2015-2016
Aerospace Engineering	4	2	6
Bioengineering**	29	27	19
Biomedical Engineering**	n/a	n/a	n/a
Chemical Engineering	6	10	16
Civil Engineering	22	11	16
Computer Science	37	35	26
Electrical Engineering	39	36	37
Materials Science & Engineering	15	13	20
Mechanical Engineering	24	25	23
Ph.D. Total	176	159	163

Graduate Degree Total **762** **717** **803**

*As reported by the Office of Analysis and Information Management in November 2016
 **Effective Fall 2012, the Biomedical Engineering graduate program has been transferred to the Department of Bioengineering

Fall Graduate Enrollment* and Support by Major**

	2014		2015		2016	
	Enrollment	%Support	Enrollment	%Support	Enrollment	%Support
Aerospace Engr	52	0.5	57	0.52	65	0.57
Bioengineering****	181	0.88	194	0.87	149	0.90
Biomedical IDP						
Chemical Engr	100	0.85	105	0.79	105	0.67
Civil Engr	139	0.42	181	0.36	178	0.45
Computer Science	360	0.38	331	0.48	344	0.46
Electrical Engr****	487	0.57	536	0.53	554	0.55
Mechanical Engr	246	***	240	***	264	***
MS & E	161	0.55	183	0.53	177	0.64
Manufacturing	0	***	0	***	0	***
Nuclear	0	***	0	***	0	***
MS Online	202	N/A	305	N/A	351	N/A
Total	1928		2132		2187	

*As reported by the Office of Analysis and Information Management on November 2016

**As reported by Engineering Graduate SAO's in November 2016

***Students in the departments of Mechanical Engineering, Manufacturing Engineering and Nuclear Engineering are counted under the department of Aerospace Engineering

****One PhD student is a double major, Bioengineering and Electrical Engineering

Faculty FTE by Departments

	2014-2015	2015-2016	2016-2017
Budgeted Faculty	213.21	213.21	213.21
Bioengineering	9.50	9.50	10.50
Chemical Engineering	12.50	13.50	13.50
Civil Engineering	18.00	18.00	19.00
Computer Science	30.67	34.67	39.17
Electrical Engineering	43.33	43.83	45.83
Mechanical & Aerospace Engr	33.00	33.00	34.00
Materials Science & Engineering	13.00	13.00	13.00
Biomedical Engineering IDP	0.00	0.00	0.00
	160.00	165.50	175.00
	filled roster	filled roster	filled roster
Total	FTE	FTE	FTE

Note: the difference between budgeted FTE and filled roster FTE is used for Teaching Assistants and temporary faculty. These figures are not to be used to report faculty statistics outside the UC System.

Note: Any statistical discrepancies in this report with other reported UCLA HSSEAS statistics will be due to date statistic audits were queried.