

# **UCLA** ENGINEERING

## Henry Samueli School of Engineering and Applied Science

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*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

	<b>2013</b>	<b>2014</b>	<b>2015</b>
Aerospace Engineering	180	176	180
Bioengineering	263	268	270
Chemical Engineering	344	311	332
Civil Engineering	351	310	289
Computer Science	433	486	563
Computer Science & Engineering	240	242	300
Electrical Engineering	682	684	565
Materials Engineering	147	127	115
Mechanical Engineering	389	414	494
Undeclared Engineering	131	143	130
<b>Total Undergraduate Enrollment</b>	<b>3,160</b>	<b>3,161</b>	<b>3,238</b>

Graduate Enrollment\*\*

	<b>2013</b>	<b>2014</b>	<b>2015</b>
Master's Degree	914	972	1159
Doctoral Degree	940	956	905
<b>Total Graduate Enrollment</b>	<b>1,854</b>	<b>1,928</b>	<b>2,064</b>

**Total HSSEAS Enrollment** **5,014** **5,089** **5,302**

**UCLA Campus Undergraduate Total** **28,674** **29,633** **29,585**

**UCLA Campus Total** **42,163** **43,239** **43,301**

*\*As reported by the Office of Analysis and Information Management based on November 2015 enrollment numbers*

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

**Undergraduate Freshman Admission Statistics\***

**2015-2016**

	<i>Applications</i>	<i>Admits</i>	<i>Admit Rate</i>	<i>Positive SJR</i>	<i>Enrolled</i>
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
<b>Total</b>	<b>21,328</b>	<b>2,915</b>	<b>13.7%</b>	<b>819</b>	<b>733</b>

**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
<b>Total</b>	<b>19,906</b>	<b>2,593</b>	<b>13.0%</b>	<b>643</b>	<b>638</b>

**2013-2014**

Aerospace Engineering	1,079	139	12.9%	42	41
Bioengineering	1,849	304	16.4%	57	56
Chemical Engineering	1,202	269	22.4%	58	59
Civil Engineering	1,446	230	15.9%	67	67
Computer Science	2,149	270	12.6%	52	51
Computer Science & Engineering	2,208	307	13.9%	56	56
Electrical Engineering	1,306	396	30.3%	131	129
Materials Engineering	273	108	39.6%	42	42
Mechanical Engineering	2,384	306	12.8%	70	68
Undeclared Engineering	2,893	374	12.9%	91	89
<b>Total</b>	<b>16,789</b>	<b>2,703</b>	<b>16.1%</b>	<b>666</b>	<b>658</b>

\*As reported by the Office of Analysis and Information Management in November 2015

**Undergraduate Transfer Admission Statistics\***

	<i>Applications</i>	<i>Admits</i>	<i>Admit Rate</i>	<i>Positive SJR</i>	<i>Enrolled</i>
<b>2015-2016</b>					
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
<b>Total</b>	<b>2,971</b>	<b>324</b>	<b>10.9%</b>	<b>158</b>	<b>151</b>
<b>2014-2015</b>					
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
<b>Total</b>	<b>2,637</b>	<b>344</b>	<b>13.0%</b>	<b>164</b>	<b>163</b>
<b>2013-2014</b>					
Aerospace Engineering	115	18	15.7%	12	12
Bioengineering	144	13	9.0%	4	4
Chemical Engineering	239	9	3.8%	1	1
Civil Engineering	245	39	15.9%	17	17
Computer Science	501	6	1.2%	2	2
Computer Science & Engineering	224	10	4.5%	1	1
Electrical Engineering	429	34	7.9%	12	12
Materials Engineering	60	8	13.3%	3	3
Mechanical Engineering	440	34	7.7%	8	8
<b>Total</b>	<b>2,397</b>	<b>171</b>	<b>7.1%</b>	<b>60</b>	<b>60</b>

As Reported by SEASnet on October 15, 2015

## Graduate Admission Statistics\*

	<i>Applicants</i>			<i>Admits</i>			<i>Enrolled</i>		
	<b>Domestic</b>	<b>Foreign</b>	<b>Total</b>	<b>Domestic</b>	<b>Foreign</b>	<b>Total</b>	<b>Domestic</b>	<b>Foreign</b>	<b>Total</b>
<b>2015-2016</b>									
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
<b>Total</b>	<b>1,470</b>	<b>5,072</b>	<b>6,542</b>	<b>811</b>	<b>994</b>	<b>1,805</b>	<b>363</b>	<b>508</b>	<b>871</b>
% Foreign		77.53%			55.07%			58.32%	
<b>2014-2015</b>									
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
<b>Total</b>	<b>1,459</b>	<b>4,639</b>	<b>6,098</b>	<b>758</b>	<b>1,009</b>	<b>1,767</b>	<b>316</b>	<b>439</b>	<b>755</b>
% Foreign		76.07%			57.10%			58.15%	
<b>2013-2014</b>									
Aerospace Engineering	82	73	155	59	16	75	20	5	25
Bioengineering**	241	152	393	102	47	149	36	14	50
Chemical Engineering	108	220	328	31	14	45	13	9	22
Civil Engineering	194	241	435	138	107	245	59	38	97
Computer Science	192	1,116	1,308	102	149	251	50	61	111
Electrical Engineering	246	1,633	1,879	107	289	396	40	142	182
Manufacturing Engineering	1	3	4	0	0	0	0	0	0
Materials Science & Engineering	67	211	278	49	93	142	19	23	42
Mechanical Engineering	198	410	608	128	98	226	59	39	98
MS Engineering Online	82	9	91	58	8	66	48	7	55
<b>Total</b>	<b>1,411</b>	<b>4,068</b>	<b>5,479</b>	<b>774</b>	<b>821</b>	<b>1,595</b>	<b>344</b>	<b>338</b>	<b>682</b>
% Foreign		74.25%			51.47%			49.56%	

\*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**

	<i>Total Enrolled</i>	<i>Females Enrolled</i>	<i>Percent Female</i>	<i>Minorities Enrolled</i>	<i>Percent Minorities</i>	<i>Foreign Enrolled</i>	<i>Percent Foreign</i>
<b>2015**</b>	3,238	748	23.1%	285	8.8%	631	19.4%
<b>2014**</b>	3,161	721	22.8%	270	8.5%	592	18.7%
<b>2013**</b>	3,160	698	22.1%	246	7.8%	533	16.9%

**Gender Breakdown by Major**

<b>B.S. Major</b>	<b>Male</b>	<b>Female</b>	<b>% Female</b>
Aerospace Engineering	148	32	17.8%
Bioengineering	166	104	38.5%
Chemical Engineering	221	111	33.4%
Civil Engineering	185	104	36.0%
Computer Science	465	98	17.4%
Computer Science & Engineering	255	45	15.0%
Electrical Engineering	462	103	18.2%
Materials Engineering	83	32	27.8%
Mechanical Engineering	413	81	16.4%
Undeclared Engineering	92	38	29.2%
<b>Total</b>	<b>2,490</b>	<b>748</b>	<b>23.1%</b>

\*As reported by the Office of Analysis and Information Management in November 2015

\*\*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
<b>2015</b>	2064	471	22.8%	127	6.2%	1131	54.8%
<b>2014</b>	1928	424	22.0%	108	5.6%	1033	53.6%
<b>2013</b>	1854	378	20.4%	104	5.6%	930	50.2%

**Gender Breakdown by Major**

<i>M.S.</i>	<i>Fall 2013</i>			<i>Fall 2014</i>			<i>Fall 2015</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>
<b>Aerospace Engineering</b>	2	23	25	1	16	17	0	18	18
<b>Bioengineering**</b>	11	20	31	12	17	29	13	21	34
<b>Biomedical Engineering**</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Chemical Engineering</b>	4	6	10	4	9	13	4	13	17
<b>Civil Engineering</b>	30	64	94	36	40	76	34	78	112
<b>Computer Science</b>	26	117	143	58	161	219	59	142	201
<b>Electrical Engineering</b>	57	235	292	59	214	273	76	261	337
<b>Materials Science &amp; Engineering</b>	9	15	24	14	24	38	19	22	41
<b>Manufacturing Engineering</b>	0	0	0	0	0	0	0	0	0
<b>Mechanical Engineering</b>	19	78	97	17	88	105	17	77	94
<b>MS Engineering Online</b>	31	167	198	40	162	202	57	248	305
<b><i>M.S. Sub-Total</i></b>	<b>189</b>	<b>725</b>	<b>914</b>	<b>241</b>	<b>731</b>	<b>972</b>	<b>279</b>	<b>880</b>	<b>1159</b>

<i>Ph.D.</i>	<i>Fall 2013</i>			<i>Fall 2014</i>			<i>Fall 2015</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>
<b>Aerospace Engineering</b>	4	29	33	2	33	35	2	37	39
<b>Bioengineering**†</b>	52	98	150	45	107	152	47	86	133
<b>Biomedical Engineering**</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Chemical Engineering</b>	26	50	76	25	62	87	23	57	80
<b>Civil Engineering</b>	23	52	75	24	39	63	28	41	69
<b>Computer Science</b>	21	140	161	19	122	141	23	107	130
<b>Electrical Engineering†</b>	22	183	205	22	192	214	26	173	199
<b>Materials Science &amp; Engineering</b>	22	86	108	25	98	123	22	87	109
<b>Manufacturing Engineering</b>	0	0	0	0	0	0	0	0	0
<b>Mechanical Engineering</b>	19	113	132	21	120	141	21	125	146
<b><i>Ph.D. Sub-Total</i></b>	<b>189</b>	<b>751</b>	<b>940</b>	<b>183</b>	<b>773</b>	<b>956</b>	<b>192</b>	<b>713</b>	<b>905</b>

<b><i>M.S. and Ph.D. Total</i></b>	<b>378</b>	<b>1476</b>	<b>1854</b>	<b>424</b>	<b>1504</b>	<b>1928</b>	<b>471</b>	<b>1593</b>	<b>2064</b>
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\*As reported by the Office of Analysis and Information Management in November 2015

\*\*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
<b>2015</b>	1159	905	593	539				
<b>2014</b>	972	956	494	539	478	417	895	1033
<b>2013</b>	914	940	410	516	504	424	928	926

*\*As reported by the Office of Analysis and Information Management in November 2015*



**Fall Graduate Enrollment\* and Support\*\* by Major**

	2013		2014		2015	
	Enrollment	%Support	Enrollment	%Support	Enrollment	%Support
Aerospace Engr	58	0.53	52	0.5	57	0.52
Bioengineering****	99	0.88	181	0.88	194	0.87
Biomedical IDP	93	0.71				
Chemical Engr	86	0.86	100	0.85	105	0.79
Civil Engr	169	0.46	139	0.42	181	0.36
Computer Science	304	0.52	360	0.38	331	0.48
Electrical Engr****	497	0.52	487	0.57	536	0.53
Mechanical Engr	229	***	246	***	240	***
MS & E	132	0.8	161	0.55	183	0.53
Manufacturing	0	***	0	***	0	***
Nuclear	0	0	0	***	0	***
MS Online	198	N/A	202	N/A	305	N/A
<b>Total</b>	<b>1865</b>		<b>1928</b>		<b>2132</b>	

\*As reported by the Office of Analysis and Information Management on November 2015

\*\*As reported by Engineering Graduate SAO's in December 2015

\*\*\*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**

	<b>2013-2014</b>	<b>2014-2015</b>	<b>2015-2016</b>
Budgeted Faculty	213.21	213.21	213.21
Bioengineering	8.50	9.50	9.50
Chemical Engineering	12.50	12.50	13.50
Civil Engineering	17.00	18.00	18.00
Computer Science	30.67	30.67	34.67
Electrical Engineering	43.33	43.33	43.83
Mechanical & Aerospace Engr	30.00	33.00	33.00
Materials Science & Engineering	11.00	13.00	13.00
Biomedical Engineering IDP	0.00	0.00	0.00
	<b>153.00</b>	<b>160.00</b>	<b>160.00</b>
	<b>filled roster</b>	<b>filled roster</b>	<b>filled roster</b>
<b>Total</b>	<b>FTE</b>	<b>FTE</b>	<b>FTE</b>

*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.*