UCLA Samueli
School of Engineering

Report to the University-Wide Council on Engineering Education (UCEE)
Henry Samueli School of Engineering and Applied Science
University of California, Los Angeles

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Completed Fall 2022

UCLA Samueli
School of Engineering

Admission, Enrollment & Degree Statistics

UCLA Samueli
School of Engineering

Fall Quarter Enrollment*

Undergraduate Enrollment

	2020	2021	2022
Aerospace Engineering	244	254	230
Bioengineering	291	310	303
Chemical Engineering	308	312	298
Computer Engineering	116	117	132
Civil Engineering	341	356	357
Computer Science	1019	1039	1057
Computer Science & Engineering	258	249	202
Electrical Engineering	564	528	532
Materials Engineering	138	143	142
Mechanical Engineering	600	632	647
Undeclared Engineering	79	141	145
Total Undergraduate Enrollment	**3,958**	**4,081**	**4,045**

Graduate Enrollment

	2020	2021	2022
Master's Degree	659	837	913
Master's of Science Online	441	514	439
Master's of Engineering	0	35	111
Engineer	0	0	0
Doctoral Degree	1088	1117	1072
Total Graduate Enrollment	**2,188**	**2,503**	**2,535**

Total Samueli Engineering Enrollment	**6,146**	**6,584**	**6,580**
UCLA Campus Undergraduate Total	**31,636**	**32,119**	**32,372**
UCLA Campus Total	**44,589**	**46,113**	**46,379**

*As reported by the Office of Analysis and Information Management
based on December 2022 enrollment numbers

Dual degree students are only counted once for enrollment.

Fall Quarter Enrollment (Minors)

Breakdown by Minor

	2020	2021	2022
Bioinformatics			
SEAS majors	15	17	19
Non-SEAS majors	35	45	41
Total	**50**	**62**	**60**
Environmental Engineering			
SEAS majors	4	5	5
Non-SEAS majors	53	42	21
Total	**57**	**47**	**26**
Data Science Engineering			
SEAS majors			15
Non-SEAS majors			31
Total			**46**
Total Minor Enrollment	*107*	*109*	*132*

Gender Breakdown by Minor

	2020	2021	2022
Bioinformatics			
Female	29	36	27
% Female	58.0%	58.0%	45.0%
Environmental Engineering			
Female	35	32	13
% Female	61.4%	68.0%	50.0%
Data Science Engineering			
Female			21
% Female			45.6%
Totals			
Female	*64*	*68*	*61*
% Female	*59.8%*	*62.3%*	*46.2%*

UCLA Samueli
School of Engineering

Undergraduate Freshman Admission Statistics*

	Applications	Admits	Admit Rate	Positive SIR	Enrolled
2022-2023					
Aerospace Engineering	2,515	94	3.7%	34	34
Bioengineering	2,897	185	6.4%	58	57
Chemical Engineering	1,066	171	16.0%	61	61
Civil Engineering	2,069	165	8.0%	81	81
Computer Science	11,974	460	3.8%	169	168
Computer Science & Engineering	3,748	117	3.1%	31	31
Computer Engineering	1,623	64	3.9%	36	36
Electrical Engineering	1,778	234	13.2%	122	120
Materials Engineering	393	85	21.6%	37	37
Mechanical Engineering	4,334	237	5.5%	112	111
Undeclared Engineering	2,945	137	4.7%	66	66
Total	*35,342*	*1,949*	*5.5%*	*807*	*802*
2021-2022					
Aerospace Engineering	2,269	128	5.6%	50	50
Bioengineering	2,644	259	9.8%	87	87
Chemical Engineering	1,128	234	20.7%	82	80
Civil Engineering	1,965	192	9.8%	86	86
Computer Science	9,793	529	5.4%	152	152
Computer Science & Engineering	3,421	256	7.5%	74	74
Computer Engineering	1,441	34	2.4%	16	16
Electrical Engineering	1,650	240	14.5%	85	84
Materials Engineering	378	105	27.8%	40	39
Mechanical Engineering	3,824	318	8.3%	113	111
Undeclared Engineering	2,860	224	7.8%	105	103
Total	*31,373*	*2,519*	*8.0%*	*890*	*882*
2020-2021					
Aerospace Engineering	1,798	139	7.7%	59	57
Bioengineering	2,058	292	14.2%	59	59
Chemical Engineering	996	255	25.6%	65	63
Civil Engineering	1,655	201	12.1%	89	88
Computer Science	7,644	634	8.3%	118	118
Computer Science & Engineering	2,690	267	9.9%	71	71
Computer Engineering	1,115	60	5.4%	17	17
Electrical Engineering	1,401	254	18.1%	109	108
Materials Engineering	376	104	27.7%	27	27
Mechanical Engineering	3,188	284	8.9%	103	102
Undeclared Engineering	1,876	150	8.0%	42	41
Total	*24,797*	*2,640*	*10.6%*	*759*	*751*

As Reported by SEASnet on 12-14-2022

UCLA Samueli
School of Engineering

Undergraduate Transfer Admission Statistics*

	Applications	Admits	Admit Rate	Positive SIR	Enrolled
2022-2023					
Aerospace Engineering	188	29	15.4%	19	18
Bioengineering	126	24	19.0%	12	11
Chemical Engineering	116	29	25.0%	14	13
Civil Engineering	202	49	24.3%	16	16
Computer Science	1,708	63	3.7%	41	41
Computer Science & Engineering	281	22	7.8%	9	9
Computer Engineering	172	8	4.7%	3	3
Electrical Engineering	307	91	29.6%	55	53
Materials Engineering	42	9	21.4%	3	3
Mechanical Engineering	525	81	15.4%	34	33
Total	*3,667*	*405*	*11.0%*	*206*	*200*
2021-2022					
Aerospace Engineering	227	26	11.5%	16	16
Bioengineering	159	21	13.2%	8	8
Chemical Engineering	164	38	23.2%	16	16
Civil Engineering	257	50	19.5%	17	17
Computer Science	1,996	47	2.4%	29	29
Computer Science & Engineering	340	27	7.9%	9	9
Computer Engineering	207	13	6.3%	9	8
Electrical Engineering	339	115	33.9%	68	67
Materials Engineering	36	13	36.1%	2	2
Mechanical Engineering	572	109	19.1%	57	56
Total	*4,297*	*459*	*10.7%*	*231*	*228*
2020-2021					
Aerospace Engineering	211	20	9.5%	15	15
Bioengineering	137	19	13.9%	3	3
Chemical Engineering	181	50	27.6%	20	20
Civil Engineering	250	54	21.6%	17	17
Computer Science	1,700	76	4.5%	47	46
Computer Science & Engineering	359	24	6.7%	8	8
Computer Engineering	186	5	2.7%	4	4
Electrical Engineering	370	112	30.3%	60	56
Materials Engineering	40	14	35.0%	3	3
Mechanical Engineering	544	76	14.0%	34	34
Total	*3,978*	*450*	*11.3%*	*211*	*206*

*As Reported by UCLA Admission December 2022

Graduate Admission Statistics*

2022-2023	Applicants			Admits			Enrolled		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Aerospace Engineering	108	44	152	42	15	57	20	3	23
Bioengineering	164	245	409	100	85	185	28	26	54
Chemical Engineering	60	166	226	16	39	55	4	17	21
Civil Engineering	133	304	437	114	162	276	42	50	92
Computer Science	857	4100	4,957	141	133	274	83	84	167
Electrical & Computer Engineering**	266	1338	1,604	155	292	447	71	153	224
Manufacturing Engineering	2	3	5	0	1	1	0	0	0
Materials Science & Engineering	76	155	231	43	91	134	11	36	47
Mechanical Engineering	119	347	466	63	118	181	27	42	69
MS Engineering Online	264	484	748	203	235	438	126	121	247
Total	**2,049**	**7,186**	**9,235**	**877**	**1,171**	**2,048**	**412**	**532**	**944**
% Foreign		77.81%			57.18%			56.36%	

2021-2022	Applicants			Admits			Enrolled		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Aerospace Engineering	143	85	228	72	31	103	23	13	36
Bioengineering	231	188	419	84	66	150	31	20	51
Chemical Engineering	78	135	213	21	21	42	16	15	31
Civil Engineering	144	254	398	122	152	274	63	65	128
Computer Science	780	3104	3,884	122	280	402	58	174	232
Electrical & Computer Engineering**	285	1448	1,733	173	311	484	85	207	292
Manufacturing Engineering	0	5	5	0	0	0	0	0	0
Materials Science & Engineering	67	187	254	44	111	155	13	61	74
Mechanical Engineering	210	422	632	126	183	309	46	66	112
MS Engineering Online	262	112	374	206	83	289	152	50	202
Total	**2,200**	**5,940**	**8,140**	**970**	**1,238**	**2,208**	**487**	**671**	**1,158**
% Foreign		72.97%			56.07%			57.94%	

2020-2021	Applicants			Admits			Enrolled		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Aerospace Engineering	110	53	163	66	17	83	27	4	31
Bioengineering	192	232	424	103	100	203	25	21	46
Chemical Engineering	79	220	299	23	13	36	15	9	24
Civil Engineering	131	255	386	113	150	263	48	35	83
Computer Science	485	2757	3,242	69	169	238	37	72	109
Electrical & Computer Engineering**	232	1621	1,853	152	427	579	52	95	147
Manufacturing Engineering	2	3	5	1	0	1	1	0	1
Materials Science & Engineering	84	218	302	51	101	152	13	10	23
Mechanical Engineering	197	532	729	133	211	344	45	42	87
MS Engineering Online	202	22	224	163	14	177	134	10	144
Total	**1,714**	**5,913**	**7,627**	**874**	**1,202**	**2,076**	**397**	**298**	**695**
% Foreign		77.53%			57.90%			42.88%	

UCLA Samueli School of Engineering

Undergraduate Enrollment

Foreign Students, Minorities, and Women*

	Total Enrolled	Females Enrolled	Percent Female	Minorities Enrolled	Percent Minorities	Foreign Enrolled	Percent Foreign
2022	4,045	1,236	30.6%	560	13.8%	443	11.0%
2021	4,081	1,219	29.9%	497	12.2%	455	11.1%
2020**	3,958	1,138	28.8%	435	11.0%	475	12.0%

Gender Breakdown by Major

B.S. Major	Male	Female	Unknown	% Female
Aerospace Engineering	181	47	2	20.4%
Bioengineering	118	183	2	60.4%
Chemical Engineering	157	141	0	47.3%
Civil Engineering	165	188	4	52.7%
Computer Engineering	105	27	0	20.5%
Computer Science	798	255	4	24.1%
Computer Science & Engineering	164	37	1	18.3%
Electrical Engineering	424	105	3	19.7%
Materials Engineering	88	53	1	37.3%
Mechanical Engineering	496	145	6	22.4%
Undeclared Engineering	88	55	2	37.9%
Total	*2,784*	*1,236*	*25*	*30.6%*

Undergraduate Enrollment - Foreign & Domestic

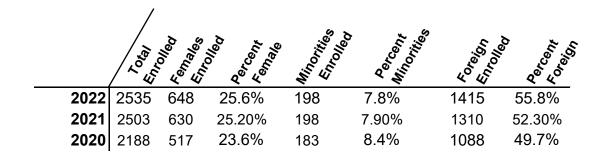| B.S. Major	Domestic	Foreign	% Foreign
Aerospace Engineering	218	12	5.2%
Bioengineering	278	25	8.3%
Chemical Engineering	252	46	15.4%
Civil Engineering	344	13	3.6%
Computer Engineering	110	20	15.4%
Computer Science	900	157	14.9%
Computer Science & Engineering	181	21	10.4%
Electrical Engineering	465	67	12.6%
Materials Engineering	127	15	10.6%
Mechanical Engineering	593	54	8.3%
Undeclared Engineering	132	13	9.0%
Total	*3,600*	*443*	*11.0%*

* As reported by the Office of Analysis and Information Management in December 2022
**207 Students did not report an ethnicity
***As of 2011, a new ethnicity category called "2 or more ethnicities" was added that is not included under minorities

UCLA Samueli School of Engineering

Graduate Enrollment*

Foreign Students, Minorities, and Women

	Total Enrolled	Females Enrolled	Percent Female	Minorities Enrolled	Percent Minorities	Foreign Enrolled	Percent Foreign
2022	2535	648	25.6%	198	7.8%	1415	55.8%
2021	2503	630	25.20%	198	7.90%	1310	52.30%
2020	2188	517	23.6%	183	8.4%	1088	49.7%

Gender Breakdown by Major

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

M.S.	Fall 2022					Fall 2022			
	Female	Male	Unknown	Total		Foreign	Domestic	Unknown	Total
Aerospace Engineering	3	22	0	25		4	21	0	25
Bioengineering	20	34	1	55		18	37	0	55
Chemical Engineering	12	18	0	30		17	13	0	30
Civil Engineering	21	56	0	77		45	32	0	77
Computer Science	59	174	0	233		152	81	0	233
Electrical & Computer Engineering	73	274	2	349		249	100	0	349
Materials Science & Engineering	23	42	0	65		56	9	0	65
Manufacturing Engineering	0	0	0	0		0	0	0	0
Mechanical Engineering	11	68	0	79		45	34	0	79
Masters of Engineering	39	72	0	111		91	20	0	111
MS Engineering Online	126	313	0	439		29	410	0	439
M.S. Sub-Total	*387*	*1073*	*3*	*1463*		*706*	*757*	*0*	*1463*

Ph.D.	Fall 2022					Fall 2022			
	Female	Male	Unknown	Total		Foreign	Domestic	Unknown	Total
Aerospace Engineering	5	25	0	30		10	20	0	30
Bioengineering	55	70	1	126		69	57	0	126
Chemical Engineering	24	50	1	75		48	27	0	75
Civil Engineering	38	69	0	107		68	39	0	107
Computer Science	43	158	3	204		154	50	0	204
Electrical & Computer Engineering	38	199	1	238		176	62	0	238
Materials Science & Engineering	27	80	0	107		66	41	0	107
Manufacturing Engineering	0	0	0	0		0	0	0	0
Mechanical Engineering	31	154	0	185		118	67	0	185
Ph.D. Sub-Total	*261*	*805*	*6*	*1072*		*709*	*363*	*0*	*1072*
M.S. and Ph.D. Total	*648*	*1878*	*9*	*2535*		*1415*	*1120*	*0*	*2535*

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
2022	1463	1072	706	709	757	363	1120	1415
2021	1386	1117	572	738	814	379	1193	1310
2020	1100	1088	382	706	718	382	1100	1088

UCLA Samueli
School of Engineering

Degrees Awarded

Undergraduate Degrees Awarded by Major*

	2019-2020	2020-2021	2021-2022
Aerospace Engineering	55	56	62
Bioengineering	59	80	66
Chemical Engineering	71	82	76
Civil Engineering	91	67	90
Computer Science	286	345	341
Computer Science & Engineering	51	59	55
Computer Engineering	21	34	41
Electrical Engineering	150	142	139
Materials Engineering	27	30	37
Mechanical Engineering	129	156	164
B.S. Total	*940*	*1051*	*1071*

Graduate Degrees Awarded by Major

	2019-2020	2020-2021	2021-2022
Aerospace Engineering	16	6	28
Bioengineering	21	25	32
Chemical Engineering	6	22	6
Civil Engineering	75	67	93
Computer Science	130	138	116
MS Engineering Online	117	159	173
Electrical and Computer Engineering	114	166	116
Materials Science & Engineering	27	21	14
Mechanical Engineering	58	41	49
M.S. Total	*564*	*645*	*627*

	2019-2020	2020-2021	2021-2022
Engineer Degree	*1*	*0*	*0*

	2019-2020	2020-2021	2021-2022
Aerospace Engineering	3	4	7
Bioengineering	19	21	21
Chemical Engineering	22	16	17
Civil Engineering	8	23	16
Computer Science	20	30	39
Electrical Engineering & Computer	33	2	49
Materials Science & Engineering	24	32	18
Mechanical Engineering	31	16	29
Ph.D. Total	*160*	*144*	*196*

Graduate Degree Total	*725*	*789*	*823*

Faculty FTE by Departments

	2020-2021	2021-2022	2022-2023
Budgeted Faculty	218.21	218.21	218.21
Bioengineering	12.50	13.50	13.50
Chemical Engineering	15.00	15.50	16.50
Civil Engineering	22.00	23.50	24.00
Computer Science	38.17	38.17	39.17
Electrical Engineering	44.83	46.83	45.83
Mechanical & Aerospace Engr	36.00	36.00	34.00
Materials Science & Engineering	16.00	16.00	16.00
Biomedical Engineering IDP	0.00	0.00	0.00
Total	***184.50 filled roster FTE***	***189.50 filled roster FTE***	***189.00 filled roster 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 Samueli
statistics, will be due to date statistic audits were queried.