

FHDA Program Review

De Anza College > Physical Sciences/Math/Engin

Enrollment Trends

De Anza College > Physical Sciences/Math/Engin

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
↗Unduplicated Headcount	14,992	14,583	13,800	12,791	12,318	-17.8%
↗Census Enrollment	32,559	31,678	29,798	26,866	26,710	-18.0%
↗Sections	902	922	885	794	797	-11.6%
↗WSCH	59,932	58,670	55,555	50,965	50,128	-16.4%
↗FTES (end of term)	3,972	3,899	3,692	3,387	3,332	-16.1%
↗FTEF (end of term)	105.9	109.0	104.9	92.9	92.0	-13.1%
↗Productivity (WSCH/FTEF)	566	538	530	549	545	-3.7%

Faculty Workload

De Anza College > Physical Sciences/Math/Engin

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
Full Time Load	38.6	39.2	37.8	37.7	35.1	-9%
Full Time %	36.5%	36.0%	36.0%	40.5%	38.1%	5%
Overload	17.1	17.1	14.3	14.3	15.6	-8%
Overload %	16.1%	15.7%	13.6%	15.4%	17.0%	5%
Part Time Load	50.2	52.7	52.8	41.0	41.3	-18%
Part Time %	47.4%	48.3%	50.3%	44.1%	44.9%	-5%
Total FTEF	105.9	109.0	104.9	92.9	92.0	-13%

Course Success

De Anza College > Physical Sciences/Math/Engin

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	22,416	69%	21,530	68%	20,589	69%	18,769	70%	19,838	74%
Non Success	5,884	18%	5,555	18%	5,008	17%	4,234	16%	3,147	12%
Withdrew	4,259	13%	4,593	14%	4,201	14%	3,858	14%	3,725	14%
Total	32,559	100%	31,678	100%	29,798	100%	26,861	100%	26,710	100%

Course Success for African American, Latinx, and Filipinx Students

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	6,333	58%	6,474	58%	6,074	59%	4,778	57%	4,919	62%
Non Success	2,790	26%	2,668	24%	2,444	24%	1,893	23%	1,501	19%
Withdrew	1,776	16%	1,975	18%	1,809	18%	1,679	20%	1,553	19%
Total	10,899	100%	11,117	100%	10,327	100%	8,350	100%	7,973	100%

Course Success for Asian, Native American, Pacific Islander, White, and Decline to State Students

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	16,083	74%	15,056	73%	14,515	75%	13,991	76%	14,919	80%
Non Success	3,094	14%	2,887	14%	2,564	13%	2,341	13%	1,646	9%
Withdrew	2,483	11%	2,618	13%	2,392	12%	2,179	12%	2,172	12%
Total	21,660	100%	20,561	100%	19,471	100%	18,511	100%	18,737	100%

by Gender

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	13,747	42%	13,411	42%	12,554	42%	11,340	42%	11,040	41%
Male	18,605	57%	18,048	57%	17,073	57%	15,366	57%	15,482	58%
Non-Binary	0	0%	0	0%	0	0%	8	0%	7	0%
Not Reported	207	1%	219	1%	171	1%	152	1%	181	1%
Total	32,559	100%	31,678	100%	29,798	100%	26,866	100%	26,710	100%

by Ethnicity

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	1,136	3%	1,184	4%	1,068	4%	802	3%	793	3%
Asian	15,806	49%	15,119	48%	14,258	48%	13,824	51%	13,891	52%
Filipinx	2,307	7%	2,248	7%	1,957	7%	1,647	6%	1,621	6%
Latinx	7,456	23%	7,685	24%	7,302	25%	5,903	22%	5,559	21%
Native American	72	0%	105	0%	101	0%	94	0%	58	0%
Pacific Islander	220	1%	207	1%	196	1%	151	1%	161	1%
White	4,843	15%	4,604	15%	4,543	15%	4,096	15%	3,964	15%
Decline to State	719	2%	526	2%	373	1%	349	1%	663	2%
Total	32,559	100%	31,678	100%	29,798	100%	26,866	100%	26,710	100%

by Age

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
19 or less	10,194	31%	9,454	30%	8,443	28%	8,414	31%	8,796	33%
20-24	17,517	54%	17,470	55%	16,406	55%	14,095	52%	13,537	51%
25-39	4,373	13%	4,260	13%	4,504	15%	3,943	15%	3,972	15%
40 +	475	1%	494	2%	445	1%	414	2%	405	2%
Total	32,559	100%	31,678	100%	29,798	100%	26,866	100%	26,710	100%

by Education Level

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Bachelor or higher	564	2%	598	2%	659	2%	734	3%	809	3%
Associate	510	2%	505	2%	544	2%	432	2%	524	2%
HS/Equivalent	28,889	89%	28,093	89%	26,185	88%	23,501	87%	23,288	87%
All Other	2,596	8%	2,482	8%	2,410	8%	2,199	8%	2,089	8%
Total	32,559	100%	31,678	100%	29,798	100%	26,866	100%	26,710	100%

Some courses may continue to be listed but no longer have data due to renumbering or because the course was not offered in the past five years.

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	8,392	76%	1,184	11%	1,464	13%	11,040	100%
Male	11,305	73%	1,946	13%	2,231	14%	15,482	100%
Non-Binary	5	71%	0	0%	2	29%	7	100%
Not Reported	136	75%	17	9%	28	15%	181	100%
All	19,838	74%	3,147	12%	3,725	14%	26,710	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	8,133	72%	1,609	14%	1,595	14%	11,337	100%
Male	10,531	69%	2,599	17%	2,234	15%	15,364	100%
Non-Binary	5	63%	3	38%	0	0%	8	100%
Not Reported	100	66%	23	15%	29	19%	152	100%
All	18,769	70%	4,234	16%	3,858	14%	26,861	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	9,093	72%	1,838	15%	1,623	13%	12,554	100%
Male	11,373	67%	3,147	18%	2,553	15%	17,073	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	123	72%	23	13%	25	15%	171	100%
All	20,589	69%	5,008	17%	4,201	14%	29,798	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	9,452	70%	2,165	16%	1,794	13%	13,411	100%
Male	11,922	66%	3,356	19%	2,770	15%	18,048	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	156	71%	34	16%	29	13%	219	100%
All	21,530	68%	5,555	18%	4,593	14%	31,678	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	9,750	71%	2,340	17%	1,657	12%	13,747	100%
Male	12,530	67%	3,505	19%	2,570	14%	18,605	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	136	66%	39	19%	32	15%	207	100%
All	22,416	69%	5,884	18%	4,259	13%	32,559	100%

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	6,804	77%	1,022	12%	970	11%	8,796	100%
20-24	9,823	73%	1,663	12%	2,051	15%	13,537	100%
25-39	2,906	73%	434	11%	632	16%	3,972	100%
40 +	305	75%	28	7%	72	18%	405	100%
All	19,838	74%	3,147	12%	3,725	14%	26,710	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	6,316	75%	1,150	14%	947	11%	8,413	100%
20-24	9,536	68%	2,417	17%	2,139	15%	14,092	100%
25-39	2,636	67%	619	16%	687	17%	3,942	100%
40 +	281	68%	48	12%	85	21%	414	100%
All	18,769	70%	4,234	16%	3,858	14%	26,861	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	6,241	74%	1,325	16%	877	10%	8,443	100%
20-24	10,954	67%	2,966	18%	2,486	15%	16,406	100%
25-39	3,068	68%	673	15%	763	17%	4,504	100%
40 +	326	73%	44	10%	75	17%	445	100%
All	20,589	69%	5,008	17%	4,201	14%	29,798	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	6,789	72%	1,569	17%	1,096	12%	9,454	100%
20-24	11,513	66%	3,283	19%	2,674	15%	17,470	100%
25-39	2,875	67%	639	15%	746	18%	4,260	100%
40 +	353	71%	64	13%	77	16%	494	100%
All	21,530	68%	5,555	18%	4,593	14%	31,678	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	7,542	74%	1,714	17%	938	9%	10,194	100%
20-24	11,581	66%	3,403	19%	2,533	14%	17,517	100%
25-39	2,959	68%	702	16%	712	16%	4,373	100%
40 +	334	70%	65	14%	76	16%	475	100%
All	22,416	69%	5,884	18%	4,259	13%	32,559	100%

	2019-20							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	500	63%	145	18%	148	19%	793	100%
Asian	11,258	81%	1,115	8%	1,518	11%	13,891	100%
Filipinx	1,165	72%	212	13%	244	15%	1,621	100%
Latinx	3,254	59%	1,144	21%	1,161	21%	5,559	100%
Native American	38	66%	11	19%	9	16%	58	100%
Pacific Islander	90	56%	35	22%	36	22%	161	100%
White	3,000	76%	403	10%	561	14%	3,964	100%
Decline to State	533	80%	82	12%	48	7%	663	100%
All	19,838	74%	3,147	12%	3,725	14%	26,710	100%

	2018-19							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	430	54%	210	26%	162	20%	802	100%
Asian	10,616	77%	1,676	12%	1,530	11%	13,822	100%
Filipinx	1,089	66%	278	17%	280	17%	1,647	100%
Latinx	3,259	55%	1,405	24%	1,237	21%	5,901	100%
Native American	52	55%	25	27%	17	18%	94	100%
Pacific Islander	84	56%	44	29%	23	15%	151	100%
White	2,969	73%	546	13%	580	14%	4,095	100%
Decline to State	270	77%	50	14%	29	8%	349	100%
All	18,769	70%	4,234	16%	3,858	14%	26,861	100%

	2017-18							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	623	58%	260	24%	185	17%	1,068	100%
Asian	10,763	75%	1,819	13%	1,676	12%	14,258	100%
Filipinx	1,284	66%	356	18%	317	16%	1,957	100%
Latinx	4,167	57%	1,828	25%	1,307	18%	7,302	100%
Native American	57	56%	25	25%	19	19%	101	100%
Pacific Islander	103	53%	49	25%	44	22%	196	100%
White	3,305	73%	611	13%	627	14%	4,543	100%
Decline to State	287	77%	60	16%	26	7%	373	100%
All	20,589	69%	5,008	17%	4,201	14%	29,798	100%

	2016-17							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	682	58%	280	24%	222	19%	1,184	100%
Asian	11,210	74%	2,081	14%	1,828	12%	15,119	100%
Filipinx	1,452	65%	454	20%	342	15%	2,248	100%
Latinx	4,340	56%	1,934	25%	1,411	18%	7,685	100%
Native American	69	66%	23	22%	13	12%	105	100%
Pacific Islander	115	56%	53	26%	39	19%	207	100%
White	3,246	71%	666	14%	692	15%	4,604	100%
Decline to State	416	79%	64	12%	46	9%	526	100%
All	21,530	68%	5,555	18%	4,593	14%	31,678	100%

	2015-16							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	654	58%	299	26%	183	16%	1,136	100%
Asian	11,922	75%	2,185	14%	1,699	11%	15,806	100%
Filipinx	1,476	64%	466	20%	365	16%	2,307	100%
Latinx	4,203	56%	2,025	27%	1,228	16%	7,456	100%
Native American	49	68%	14	19%	9	13%	72	100%
Pacific Islander	136	62%	46	21%	38	17%	220	100%
White	3,420	71%	745	15%	678	14%	4,843	100%
Decline to State	556	77%	104	14%	59	8%	719	100%
All	22,416	69%	5,884	18%	4,259	13%	32,559	100%