

FHDA Program Review

Enrollment Trends

FHDA District->De Anza College->Physical Sciences/Math/Engin->Chemistry-FD

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %Inc
Unduplicated Headcount	1,869	1,870	1,980	2,081	2,069	10.7%
Census Enrollment	2,893	2,886	3,023	3,219	3,229	11.6%
Sections	110	105	113	119	124	12.7%
WSCH	7,909	7,899	8,246	9,283	8,845	11.8%
FTEs (end of term)	532	531	555	621	595	11.8%
FTEF (end of term)	15.9	15.8	16.5	17.2	17.4	9.7%
Productivity (WSCH/FTEF)	498	501	501	540	508	2.0%

Faculty Workload

FHDA District->De Anza College->Physical Sciences/Math/Engin->Chemistry-FD

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %Inc
Full Time Load	4.7	3.9	5.4	5.4	4.9	3%
Full Time %	29.8%	25.0%	32.7%	31.2%	28.0%	-6%
Overload	3.3	1.8	2.1	2.6	2.6	-21%
Overload %	20.8%	11.7%	12.7%	15.1%	14.9%	-28%
Part Time Load	7.8	10.0	9.0	9.2	9.9	27%
Part Time %	49.5%	63.3%	54.6%	53.7%	57.1%	15%
Total FTEF	15.9	15.8	16.5	17.2	17.4	10%

Course Success

FHDA District->De Anza College->Physical Sciences/Math/Engin->Chemistry-FD

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	2,245	78%	2,194	76%	2,301	76%	2,608	81%	2,519	78%
Non Success	312	11%	333	12%	370	12%	231	7%	245	8%
Withdrew	336	12%	359	12%	349	12%	380	12%	464	14%
Total	2,893	100%	2,886	100%	3,020	100%	3,219	100%	3,228	100%

Course Success by Race/Ethnicity

FHDA District->De Anza College->Physical Sciences/Math/Engin->Chemistry-FD

Course Success for African American, Latinx, and Filipinx Students

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	553	66%	552	64%	508	59%	607	68%	668	68%
Non Success	147	17%	142	17%	169	20%	109	12%	125	13%
Withdrew	141	17%	164	19%	180	21%	180	20%	195	20%
Total	841	100%	858	100%	857	100%	896	100%	988	100%

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

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,692	82%	1,642	81%	1,793	83%	2,001	86%	1,851	83%
Non Success	165	8%	191	9%	201	9%	122	5%	120	5%
Withdrew	195	10%	195	10%	169	8%	200	9%	269	12%
Total	2,052	100%	2,028	100%	2,163	100%	2,323	100%	2,240	100%

Enr Distribution by Student Demographics
 FHDA District->De Anza College->Physical Sciences/Math/Engin->Chemistry-FD

by Gender

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	1,489	51%	1,559	54%	1,700	56%	1,728	54%	1,803	56%
Male	1,385	48%	1,308	45%	1,306	43%	1,466	46%	1,411	44%
Non-Binary	0	0%	0	0%	3	0%	2	0%	0	0%
Not Reported	19	1%	19	1%	14	0%	23	1%	15	0%
Total	2,893	100%	2,886	100%	3,023	100%	3,219	100%	3,229	100%

by Ethnicity

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	96	3%	73	3%	67	2%	85	3%	93	3%
Asian	1,584	55%	1,503	52%	1,616	53%	1,791	56%	1,673	52%
Filipinx	244	8%	193	7%	232	8%	238	7%	282	9%
Latinx	501	17%	592	21%	559	18%	573	18%	613	19%
Native American	8	0%	7	0%	6	0%	6	0%	2	0%
Pacific Islander	5	0%	12	0%	8	0%	14	0%	22	1%
White	409	14%	478	17%	505	17%	484	15%	475	15%
Decline to State	46	2%	28	1%	30	1%	28	1%	69	2%
Total	2,893	100%	2,886	100%	3,023	100%	3,219	100%	3,229	100%

by Age

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
19 or less	592	20%	659	23%	954	32%	1,029	32%	1,025	32%
20-24	1,919	66%	1,785	62%	1,627	54%	1,698	53%	1,652	51%
25-39	351	12%	405	14%	417	14%	455	14%	492	15%
40 +	31	1%	37	1%	25	1%	37	1%	60	2%
Total	2,893	100%	2,886	100%	3,023	100%	3,219	100%	3,229	100%

by Education Level

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Bachelor or higher	89	3%	85	3%	119	4%	153	5%	166	5%
Associate	50	2%	72	2%	56	2%	69	2%	77	2%
HS/Equivalent	2,585	89%	2,552	88%	2,664	88%	2,798	87%	2,830	88%
All Other	169	6%	177	6%	184	6%	199	6%	156	5%
Total	2,893	100%	2,886	100%	3,023	100%	3,219	100%	3,229	100%

Success Rates by Gender
 FHDA District->De Anza College->Physical Sciences/Math/Engin->Chemistry-FD

	2020-21							
	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,383	77%	141	8%	279	15%	1,803	100%
Male	1,126	80%	102	7%	183	13%	1,411	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	10	71%	2	14%	2	14%	14	100%
All	2,519	78%	245	8%	464	14%	3,228	100%

	2019-20							
	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,383	77%	141	8%	279	15%	1,803	100%
Male	1,126	80%	102	7%	183	13%	1,411	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	10	71%	2	14%	2	14%	14	100%
All	2,519	78%	245	8%	464	14%	3,228	100%

Female	1,389	80%	128	7%	211	12%	1,728	100%
Male	1,197	82%	102	7%	167	11%	1,466	100%
Non-Binary	1	50%	0	0%	1	50%	2	100%
Not Reported	21	91%	1	4%	1	4%	23	100%
All	2,608	81%	231	7%	380	12%	3,219	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,292	76%	207	12%	200	12%	1,699	100%
Male	995	76%	161	12%	148	11%	1,304	100%
Non-Binary	2	67%	1	33%	0	0%	3	100%
Not Reported	12	86%	1	7%	1	7%	14	100%
All	2,301	76%	370	12%	349	12%	3,020	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,207	77%	177	11%	175	11%	1,559	100%
Male	972	74%	154	12%	182	14%	1,308	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	15	79%	2	11%	2	11%	19	100%
All	2,194	76%	333	12%	359	12%	2,886	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,124	75%	170	11%	195	13%	1,489	100%
Male	1,108	80%	137	10%	140	10%	1,385	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	13	68%	5	26%	1	5%	19	100%
All	2,245	78%	312	11%	336	12%	2,893	100%

Success Rates by Age

FHDA District->De Anza College->Physical Sciences/Math/Engin->Chemistry-FD

2020-21

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	882	86%	67	7%	76	7%	1,025	100%
20-24	1,241	75%	134	8%	277	17%	1,652	100%
25-39	354	72%	43	9%	94	19%	491	100%
40 +	42	70%	1	2%	17	28%	60	100%
All	2,519	78%	245	8%	464	14%	3,228	100%

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	888	86%	53	5%	88	9%	1,029	100%
20-24	1,340	79%	145	9%	213	13%	1,698	100%
25-39	350	77%	32	7%	73	16%	455	100%
40 +	30	81%	1	3%	6	16%	37	100%
All	2,608	81%	231	7%	380	12%	3,219	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	781	82%	85	9%	87	9%	953	100%
20-24	1,216	75%	228	14%	181	11%	1,625	100%
25-39	286	69%	55	13%	76	18%	417	100%
40 +	18	72%	2	8%	5	20%	25	100%
All	2,301	76%	370	12%	349	12%	3,020	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	546	83%	60	9%	53	8%	659	100%
20-24	1,338	75%	225	13%	222	12%	1,785	100%
25-39	280	69%	45	11%	80	20%	405	100%

40 +	30	81%	3	8%	4	11%	37	100%
All	2,194	76%	333	12%	359	12%	2,886	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	498	84%	54	9%	40	7%	592	100%
20-24	1,457	76%	217	11%	245	13%	1,919	100%
25-39	267	76%	40	11%	44	13%	351	100%
40 +	23	74%	1	3%	7	23%	31	100%
All	2,245	78%	312	11%	336	12%	2,893	100%

Success Rates by Ethnicity

FHDA District->De Anza College->Physical Sciences/Math/Engin->Chemistry-FD

2020-21

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	66	71%	11	12%	16	17%	93	100%
Asian	1,390	83%	93	6%	190	11%	1,673	100%
Filipinx	206	73%	30	11%	46	16%	282	100%
Latinx	396	65%	84	14%	133	22%	613	100%
Native American	2	100%	0	0%	0	0%	2	100%
Pacific Islander	11	50%	3	14%	8	36%	22	100%
White	389	82%	17	4%	68	14%	474	100%
Decline to State	59	86%	7	10%	3	4%	69	100%
All	2,519	78%	245	8%	464	14%	3,228	100%

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	65	76%	10	12%	10	12%	85	100%
Asian	1,566	87%	89	5%	136	8%	1,791	100%
Filipinx	187	79%	17	7%	34	14%	238	100%
Latinx	355	62%	82	14%	136	24%	573	100%
Native American	3	50%	1	17%	2	33%	6	100%
Pacific Islander	9	64%	3	21%	2	14%	14	100%
White	399	82%	27	6%	58	12%	484	100%
Decline to State	24	86%	2	7%	2	7%	28	100%
All	2,608	81%	231	7%	380	12%	3,219	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	36	54%	15	22%	16	24%	67	100%
Asian	1,365	85%	133	8%	116	7%	1,614	100%
Filipinx	164	71%	32	14%	36	16%	232	100%
Latinx	308	55%	122	22%	128	23%	558	100%
Native American	5	83%	1	17%	0	0%	6	100%
Pacific Islander	1	13%	6	75%	1	13%	8	100%
White	397	79%	58	11%	50	10%	505	100%
Decline to State	25	83%	3	10%	2	7%	30	100%
All	2,301	76%	370	12%	349	12%	3,020	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	52	71%	12	16%	9	12%	73	100%
Asian	1,232	82%	143	10%	128	9%	1,503	100%
Filipinx	152	79%	17	9%	24	12%	193	100%
Latinx	348	59%	113	19%	131	22%	592	100%
Native American	4	57%	2	29%	1	14%	7	100%
Pacific Islander	8	67%	1	8%	3	25%	12	100%
White	375	78%	43	9%	60	13%	478	100%
Decline to State	23	82%	2	7%	3	11%	28	100%
All	2,194	76%	333	12%	359	12%	2,886	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	66	69%	17	18%	13	14%	96	100%
Asian	1,309	83%	139	9%	136	9%	1,584	100%
Filipinx	174	71%	41	17%	29	12%	244	100%
Latinx	313	62%	89	18%	99	20%	501	100%
Native American	7	88%	1	13%	0	0%	8	100%
Pacific Islander	3	60%	1	20%	1	20%	5	100%
White	332	81%	22	5%	55	13%	409	100%
Decline to State	41	89%	2	4%	3	7%	46	100%
All	2,245	78%	312	11%	336	12%	2,893	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.