

# FHDA Program Review

## Enrollment Trends

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

	2017-18	2018-19	2019-20	2020-21	2021-22	5-yr %Inc
<b>Unduplicated Headcount</b>	1,870	1,980	2,081	2,069	1,895	1.3%
<b>Census Enrollment</b>	2,886	3,023	3,219	3,229	2,733	-5.3%
<b>Sections</b>	105	113	119	124	105	0.0%
<b>WSCH</b>	7,899	8,246	9,283	8,845	7,418	-6.1%
<b>FTEs (end of term)</b>	531	555	621	595	499	-6.0%
<b>FTEF (end of term)</b>	15.8	16.5	17.2	17.4	15.3	-2.9%
<b>Productivity (WSCH/FTEF)</b>	501	501	540	508	485	-3.3%

## Faculty Workload

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

	2017-18	2018-19	2019-20	2020-21	2021-22	5-yr %Inc
<b>Full Time Load</b>	3.9	5.4	5.4	4.9	5.1	30%
<b>Full Time %</b>	25.0%	32.7%	31.2%	28.0%	33.4%	33%
<b>Overload</b>	1.8	2.1	2.6	2.6	2.7	49%
<b>Overload %</b>	11.7%	12.7%	15.1%	14.9%	17.9%	53%
<b>Part Time Load</b>	10.0	9.0	9.2	9.9	7.5	-25%
<b>Part Time %</b>	63.3%	54.6%	53.7%	57.1%	48.7%	-23%
<b>Total FTEF</b>	15.8	16.5	17.2	17.4	15.3	-3%

## Course Success

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

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Success</b>	2,194	76%	2,301	76%	2,608	81%	2,519	78%	2,102	77%
<b>Non Success</b>	333	12%	370	12%	231	7%	245	8%	284	10%
<b>Withdrew</b>	359	12%	349	12%	380	12%	464	14%	347	13%
<b>Total</b>	2,886	100%	3,020	100%	3,219	100%	3,228	100%	2,733	100%

### Course Success for African American, Latinx, and Filipinx Students

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	552	64%	508	59%	607	68%	668	68%	553	66%
Non Success	142	17%	169	20%	109	12%	125	13%	137	16%
Withdrew	164	19%	180	21%	180	20%	195	20%	150	18%
Total	858	100%	857	100%	896	100%	988	100%	840	100%

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

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,642	81%	1,793	83%	2,001	86%	1,851	83%	1,549	82%
Non Success	191	9%	201	9%	122	5%	120	5%	147	8%
Withdrew	195	10%	169	8%	200	9%	269	12%	197	10%
Total	2,028	100%	2,163	100%	2,323	100%	2,240	100%	1,893	100%

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

#### by Gender

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	1,559	54%	1,700	56%	1,728	54%	1,803	56%	1,593	58%
Male	1,308	45%	1,306	43%	1,466	46%	1,411	44%	1,133	41%
Non-Binary	0	0%	3	0%	2	0%	0	0%	0	0%
Unknown	19	1%	14	0%	23	1%	15	0%	7	0%
Total	2,886	100%	3,023	100%	3,219	100%	3,229	100%	2,733	100%

#### by Ethnicity

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	73	3%	67	2%	85	3%	93	3%	67	2%
Asian	1,503	52%	1,616	53%	1,791	56%	1,673	52%	1,380	50%
Decline to State/Unknown	28	1%	30	1%	28	1%	69	2%	99	4%
Filipinx	193	7%	232	8%	238	7%	282	9%	221	8%
Latinx	592	21%	559	18%	573	18%	613	19%	552	20%
Native American	7	0%	6	0%	6	0%	2	0%	6	0%
Pacific Islander	12	0%	8	0%	14	0%	22	1%	18	1%
White	478	17%	505	17%	484	15%	475	15%	390	14%
Total	2,886	100%	3,023	100%	3,219	100%	3,229	100%	2,733	100%

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

	2021-22							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,213	76%	175	11%	205	13%	1,593	100%

## 2021-22

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Male	883	78%	108	10%	142	13%	1,133	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Unknown	6	86%	1	14%	0	0%	7	100%
All	2,102	77%	284	10%	347	13%	2,733	100%

## 2020-21

	Success		Non Success		Withdrew		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%
Unknown	10	71%	2	14%	2	14%	14	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
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%
Unknown	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%
Unknown	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%
Unknown	15	79%	2	11%	2	11%	19	100%
All	2,194	76%	333	12%	359	12%	2,886	100%

## Success Rates by Ethnicity

FHDA District-&gt;De Anza College-&gt;Physical Sciences/Math/Engin-&gt;Chemistry-FD

## 2021-22

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	45	67%	12	18%	10	15%	67	100%
Asian	1,148	83%	97	7%	135	10%	1,380	100%
Decline to State/Unknown	89	90%	7	7%	3	3%	99	100%
Filipinx	160	72%	19	9%	42	19%	221	100%
Latinx	348	63%	106	19%	98	18%	552	100%
Native American	4	67%	1	17%	1	17%	6	100%
Pacific Islander	14	78%	2	11%	2	11%	18	100%

## 2021-22

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
White	294	75%	40	10%	56	14%	390	100%
All	2,102	77%	284	10%	347	13%	2,733	100%

## 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%
Decline to State/Unknown	59	86%	7	10%	3	4%	69	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%
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%
Decline to State/Unknown	24	86%	2	7%	2	7%	28	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%
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%
Decline to State/Unknown	25	83%	3	10%	2	7%	30	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%
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%
Decline to State/Unknown	23	82%	2	7%	3	11%	28	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%
All	2,194	76%	333	12%	359	12%	2,886	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.