

FHDA Program Review

Enrollment Trends

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

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %Inc
Unduplicated Headcount	2,149	1,896	1,858	1,467	1,546	-28.1%
Census Enrollment	2,266	1,990	1,935	1,562	1,675	-26.1%
Sections	27	25	24	25	27	0.0%
WSCH	3,722	3,262	3,173	2,552	2,720	-26.9%
FTEs (end of term)	246	216	210	169	180	-26.8%
FTEF (end of term)	4.1	3.8	3.5	3.3	3.2	-22.6%
Productivity (WSCH/FTEF)	900	868	902	769	850	-5.6%

Faculty Workload

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

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %Inc
Full Time Load	1.8	2.1	1.9	1.1	1.0	-45%
Full Time %	44.0%	55.0%	53.5%	33.4%	31.5%	-28%
Overload	0.9	1.1	0.9	0.3	0.3	-66%
Overload %	22.8%	28.4%	25.0%	7.8%	9.9%	-57%
Part Time Load	1.4	0.6	0.8	2.0	1.9	36%
Part Time %	33.3%	16.6%	21.4%	58.8%	58.6%	76%
Total FTEF	4.1	3.8	3.5	3.3	3.2	-23%

Course Success

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

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,800	79%	1,632	82%	1,554	80%	1,188	76%	1,212	72%
Non Success	265	12%	230	12%	231	12%	201	13%	330	20%
Withdrew	201	9%	128	6%	150	8%	173	11%	133	8%
Total	2,266	100%	1,990	100%	1,935	100%	1,562	100%	1,675	100%

Course Success by Race/Ethnicity

FHDA District->De Anza College->Physical Sciences/Math/Engin->Astronomy-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	622	69%	531	72%	516	72%	451	69%	523	66%
Non Success	156	17%	127	17%	123	17%	115	17%	188	24%
Withdrew	124	14%	82	11%	79	11%	92	14%	80	10%
Total	902	100%	740	100%	718	100%	658	100%	791	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	1,178	86%	1,101	88%	1,038	85%	737	82%	689	78%
Non Success	109	8%	103	8%	108	9%	86	10%	142	16%
Withdrew	77	6%	46	4%	71	6%	81	9%	53	6%
Total	1,364	100%	1,250	100%	1,217	100%	904	100%	884	100%

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

by Gender

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	998	44%	829	42%	856	44%	648	41%	835	50%
Male	1,247	55%	1,149	58%	1,066	55%	903	58%	830	50%
Not Reported	21	1%	12	1%	13	1%	11	1%	10	1%
Total	2,266	100%	1,990	100%	1,935	100%	1,562	100%	1,675	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	94	4%	73	4%	68	4%	55	4%	57	3%
Asian	953	42%	897	45%	878	45%	602	39%	532	32%
Filipinx	168	7%	122	6%	107	6%	119	8%	115	7%
Latinx	640	28%	545	27%	543	28%	484	31%	619	37%
Native American	10	0%	4	0%	8	0%	7	0%	7	0%
Pacific Islander	19	1%	13	1%	15	1%	15	1%	12	1%
White	340	15%	308	15%	295	15%	239	15%	298	18%
Decline to State	42	2%	28	1%	21	1%	41	3%	35	2%
Total	2,266	100%	1,990	100%	1,935	100%	1,562	100%	1,675	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	702	31%	583	29%	640	33%	482	31%	467	28%
20-24	1,281	57%	1,133	57%	1,053	54%	824	53%	910	54%
25-39	250	11%	235	12%	211	11%	230	15%	255	15%
40 +	33	1%	39	2%	31	2%	26	2%	43	3%
Total	2,266	100%	1,990	100%	1,935	100%	1,562	100%	1,675	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	19	1%	35	2%	25	1%	24	2%	47	3%
Associate	22	1%	13	1%	17	1%	11	1%	20	1%
HS/Equivalent	2,041	90%	1,767	89%	1,741	90%	1,428	91%	1,521	91%
All Other	184	8%	175	9%	152	8%	99	6%	87	5%
Total	2,266	100%	1,990	100%	1,935	100%	1,562	100%	1,675	100%

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

	2020-21							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	585	70%	177	21%	73	9%	835	100%
Male	617	74%	153	18%	60	7%	830	100%
Not Reported	10	100%	0	0%	0	0%	10	100%
All	1,212	72%	330	20%	133	8%	1,675	100%

	2019-20							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	482	74%	90	14%	76	12%	648	100%
Male	698	77%	109	12%	96	11%	903	100%

Not Reported	8	73%	2	18%	1	9%	11	100%
All	1,188	76%	201	13%	173	11%	1,562	100%

2018-19

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	672	79%	106	12%	78	9%	856	100%
Male	873	82%	123	12%	70	7%	1,066	100%
Not Reported	9	69%	2	15%	2	15%	13	100%
All	1,554	80%	231	12%	150	8%	1,935	100%

2017-18

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	688	83%	79	10%	62	7%	829	100%
Male	933	81%	151	13%	65	6%	1,149	100%
Not Reported	11	92%	0	0%	1	8%	12	100%
All	1,632	82%	230	12%	128	6%	1,990	100%

2016-17

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	804	81%	104	10%	90	9%	998	100%
Male	977	78%	160	13%	110	9%	1,247	100%
Not Reported	19	90%	1	5%	1	5%	21	100%
All	1,800	79%	265	12%	201	9%	2,266	100%

Success Rates by Age

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

2020-21

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	365	78%	78	17%	24	5%	467	100%
20-24	648	71%	193	21%	69	8%	910	100%
25-39	171	67%	48	19%	36	14%	255	100%
40 +	28	65%	11	26%	4	9%	43	100%
All	1,212	72%	330	20%	133	8%	1,675	100%

2019-20

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	381	79%	60	12%	41	9%	482	100%
20-24	624	76%	116	14%	84	10%	824	100%
25-39	162	70%	24	10%	44	19%	230	100%
40 +	21	81%	1	4%	4	15%	26	100%
All	1,188	76%	201	13%	173	11%	1,562	100%

2018-19

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	544	85%	69	11%	27	4%	640	100%
20-24	835	79%	125	12%	93	9%	1,053	100%
25-39	153	73%	34	16%	24	11%	211	100%
40 +	22	71%	3	10%	6	19%	31	100%
All	1,554	80%	231	12%	150	8%	1,935	100%

2017-18

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	512	88%	50	9%	21	4%	583	100%
20-24	901	80%	151	13%	81	7%	1,133	100%
25-39	186	79%	27	11%	22	9%	235	100%
40 +	33	85%	2	5%	4	10%	39	100%
All	1,632	82%	230	12%	128	6%	1,990	100%

2016-17

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent

19 or less	594	85%	62	9%	46	7%	702	100%
20-24	994	78%	172	13%	115	9%	1,281	100%
25-39	180	72%	31	12%	39	16%	250	100%
40 +	32	97%	0	0%	1	3%	33	100%
All	1,800	79%	265	12%	201	9%	2,266	100%

Success Rates by Ethnicity

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

	2020-21							
	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	39	68%	15	26%	3	5%	57	100%
Asian	434	82%	64	12%	34	6%	532	100%
Filipinx	76	66%	25	22%	14	12%	115	100%
Latinx	408	66%	148	24%	63	10%	619	100%
Native American	5	71%	1	14%	1	14%	7	100%
Pacific Islander	7	58%	3	25%	2	17%	12	100%
White	211	71%	71	24%	16	5%	298	100%
Decline to State	32	91%	3	9%	0	0%	35	100%
All	1,212	72%	330	20%	133	8%	1,675	100%

	2019-20							
	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	30	55%	12	22%	13	24%	55	100%
Asian	492	82%	52	9%	58	10%	602	100%
Filipinx	86	72%	22	18%	11	9%	119	100%
Latinx	335	69%	81	17%	68	14%	484	100%
Native American	6	86%	1	14%	0	0%	7	100%
Pacific Islander	13	87%	2	13%	0	0%	15	100%
White	189	79%	27	11%	23	10%	239	100%
Decline to State	37	90%	4	10%	0	0%	41	100%
All	1,188	76%	201	13%	173	11%	1,562	100%

	2018-19							
	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	45	66%	15	22%	8	12%	68	100%
Asian	758	86%	71	8%	49	6%	878	100%
Filipinx	83	78%	15	14%	9	8%	107	100%
Latinx	388	71%	93	17%	62	11%	543	100%
Native American	5	63%	3	38%	0	0%	8	100%
Pacific Islander	13	87%	2	13%	0	0%	15	100%
White	244	83%	30	10%	21	7%	295	100%
Decline to State	18	86%	2	10%	1	5%	21	100%
All	1,554	80%	231	12%	150	8%	1,935	100%

	2017-18							
	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	39	53%	19	26%	15	21%	73	100%
Asian	789	88%	75	8%	33	4%	897	100%
Filipinx	94	77%	21	17%	7	6%	122	100%
Latinx	398	73%	87	16%	60	11%	545	100%
Native American	3	75%	1	25%	0	0%	4	100%
Pacific Islander	10	77%	1	8%	2	15%	13	100%
White	275	89%	22	7%	11	4%	308	100%
Decline to State	24	86%	4	14%	0	0%	28	100%
All	1,632	82%	230	12%	128	6%	1,990	100%

	2016-17							
	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	59	63%	19	20%	16	17%	94	100%
Asian	824	86%	82	9%	47	5%	953	100%
Filipinx	133	79%	18	11%	17	10%	168	100%
Latinx	430	67%	119	19%	91	14%	640	100%

Native American	8	80%	0	0%	2	20%	10	100%
Pacific Islander	15	79%	2	11%	2	11%	19	100%
White	290	85%	24	7%	26	8%	340	100%
Decline to State	41	98%	1	2%	0	0%	42	100%
All	1,800	79%	265	12%	201	9%	2,266	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.