

FHDA Program Review

Enrollment Trends

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

	2017-18	2018-19	2019-20	2020-21	2021-22	5-yr %Inc
Unduplicated Headcount	11,595	10,561	10,096	10,564	8,775	-24.3%
Census Enrollment	21,268	18,334	17,864	18,503	15,004	-29.5%
Sections	637	554	541	546	473	-25.7%
WSCH	37,189	32,518	30,301	31,255	25,690	-30.9%
FTEF (end of term)	2,459	2,149	2,006	2,062	1,701	-30.8%
FTEF (end of term)	71.2	60.6	58.4	59.1	50.3	-29.3%
Productivity (WSCH/FTEF)	522	536	519	529	511	-2.2%

Faculty Workload

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

	2017-18	2018-19	2019-20	2020-21	2021-22	5-yr %Inc
Full Time Load	26.5	25.2	23.4	23.8	22.3	-16%
Full Time %	37.3%	41.6%	40.1%	40.3%	44.4%	19%
Overload	8.8	9.4	10.4	9.6	8.0	-9%
Overload %	12.4%	15.5%	17.7%	16.3%	16.0%	29%
Part Time Load	35.9	26.0	24.6	25.7	19.9	-44%
Part Time %	50.4%	42.9%	42.2%	43.5%	39.7%	-21%
Total FTEF	71.2	60.6	58.4	59.1	50.3	-29%

Course Success

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

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	14,177	67%	12,318	67%	12,919	72%	14,561	79%	11,478	76%
Non Success	3,999	19%	3,173	17%	2,358	13%	1,839	10%	1,687	11%
Withdrew	3,092	15%	2,841	15%	2,587	14%	2,103	11%	1,839	12%
Total	21,268	100%	18,332	100%	17,864	100%	18,503	100%	15,004	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	4,366	56%	3,133	53%	3,150	58%	3,723	65%	2,950	64%
Non Success	2,043	26%	1,466	25%	1,156	21%	1,017	18%	825	18%
Withdrew	1,357	17%	1,268	22%	1,118	21%	964	17%	804	18%
Total	7,766	100%	5,867	100%	5,424	100%	5,704	100%	4,579	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	9,811	73%	9,185	74%	9,769	79%	10,838	85%	8,528	82%
Non Success	1,956	14%	1,707	14%	1,202	10%	822	6%	862	8%
Withdrew	1,735	13%	1,573	13%	1,469	12%	1,139	9%	1,035	10%
Total	13,502	100%	12,465	100%	12,440	100%	12,799	100%	10,425	100%

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

by Gender

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	8,921	42%	7,490	41%	7,260	41%	7,815	42%	6,074	40%
Male	12,227	57%	10,732	59%	10,484	59%	10,535	57%	8,780	59%
Non-Binary	0	0%	4	0%	3	0%	0	0%	0	0%
Unknown	120	1%	108	1%	117	1%	153	1%	150	1%
Total	21,268	100%	18,334	100%	17,864	100%	18,503	100%	15,004	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	818	4%	548	3%	544	3%	584	3%	482	3%
Asian	9,784	46%	9,332	51%	9,267	52%	8,955	48%	6,820	45%
Decline to State/Unknown	266	1%	243	1%	439	2%	935	5%	1,317	9%
Filipinx	1,392	7%	1,121	6%	1,037	6%	1,189	6%	892	6%
Latinx	5,556	26%	4,199	23%	3,843	22%	3,931	21%	3,205	21%
Native American	79	0%	68	0%	42	0%	50	0%	34	0%
Pacific Islander	156	1%	106	1%	109	1%	107	1%	123	1%
White	3,217	15%	2,717	15%	2,583	14%	2,752	15%	2,131	14%
Total	21,268	100%	18,334	100%	17,864	100%	18,503	100%	15,004	100%

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

	2021-22							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	4,662	77%	658	11%	754	12%	6,074	100%

2021-22

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Male	6,702	76%	1,011	12%	1,067	12%	8,780	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Unknown	114	76%	18	12%	18	12%	150	100%
All	11,478	76%	1,687	11%	1,839	12%	15,004	100%

2020-21

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	6,184	79%	732	9%	899	12%	7,815	100%
Male	8,249	78%	1,090	10%	1,196	11%	10,535	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Unknown	128	84%	17	11%	8	5%	153	100%
All	14,561	79%	1,839	10%	2,103	11%	18,503	100%

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	5,410	75%	857	12%	993	14%	7,260	100%
Male	7,419	71%	1,489	14%	1,576	15%	10,484	100%
Non-Binary	3	100%	0	0%	0	0%	3	100%
Unknown	87	74%	12	10%	18	15%	117	100%
All	12,919	72%	2,358	13%	2,587	14%	17,864	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	5,190	69%	1,154	15%	1,144	15%	7,488	100%
Male	7,056	66%	2,002	19%	1,674	16%	10,732	100%
Non-Binary	3	75%	1	25%	0	0%	4	100%
Unknown	69	64%	16	15%	23	21%	108	100%
All	12,318	67%	3,173	17%	2,841	15%	18,332	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	6,238	70%	1,466	16%	1,217	14%	8,921	100%
Male	7,861	64%	2,512	21%	1,854	15%	12,227	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Unknown	78	65%	21	18%	21	18%	120	100%
All	14,177	67%	3,999	19%	3,092	15%	21,268	100%

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

2021-22

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	289	60%	107	22%	86	18%	482	100%
Asian	5,680	83%	487	7%	653	10%	6,820	100%
Decline to State/Unknown	1,160	88%	100	8%	57	4%	1,317	100%
Filipinx	670	75%	95	11%	127	14%	892	100%
Latinx	1,991	62%	623	19%	591	18%	3,205	100%
Native American	19	56%	8	24%	7	21%	34	100%
Pacific Islander	69	56%	35	28%	19	15%	123	100%

2021-22

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
White	1,600	75%	232	11%	299	14%	2,131	100%
All	11,478	76%	1,687	11%	1,839	12%	15,004	100%

2020-21

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	391	67%	100	17%	93	16%	584	100%
Asian	7,755	87%	495	6%	705	8%	8,955	100%
Decline to State/Unknown	802	86%	75	8%	58	6%	935	100%
Filipinx	877	74%	168	14%	144	12%	1,189	100%
Latinx	2,455	62%	749	19%	727	18%	3,931	100%
Native American	40	80%	4	8%	6	12%	50	100%
Pacific Islander	67	63%	21	20%	19	18%	107	100%
White	2,174	79%	227	8%	351	13%	2,752	100%
All	14,561	79%	1,839	10%	2,103	11%	18,503	100%

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	335	62%	105	19%	104	19%	544	100%
Asian	7,445	80%	813	9%	1,009	11%	9,267	100%
Decline to State/Unknown	349	79%	59	13%	31	7%	439	100%
Filipinx	727	70%	152	15%	158	15%	1,037	100%
Latinx	2,088	54%	899	23%	856	22%	3,843	100%
Native American	28	67%	8	19%	6	14%	42	100%
Pacific Islander	52	48%	24	22%	33	30%	109	100%
White	1,895	73%	298	12%	390	15%	2,583	100%
All	12,919	72%	2,358	13%	2,587	14%	17,864	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	281	51%	151	28%	116	21%	548	100%
Asian	7,017	75%	1,232	13%	1,083	12%	9,332	100%
Decline to State/Unknown	186	77%	37	15%	20	8%	243	100%
Filipinx	700	62%	214	19%	207	18%	1,121	100%
Latinx	2,152	51%	1,101	26%	945	23%	4,198	100%
Native American	34	50%	17	25%	17	25%	68	100%
Pacific Islander	57	54%	28	26%	21	20%	106	100%
White	1,891	70%	393	14%	432	16%	2,716	100%
All	12,318	67%	3,173	17%	2,841	15%	18,332	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	470	57%	214	26%	134	16%	818	100%
Asian	7,248	74%	1,357	14%	1,179	12%	9,784	100%
Decline to State/Unknown	201	76%	44	17%	21	8%	266	100%
Filipinx	873	63%	282	20%	237	17%	1,392	100%
Latinx	3,023	54%	1,547	28%	986	18%	5,556	100%
Native American	42	53%	20	25%	17	22%	79	100%
Pacific Islander	79	51%	42	27%	35	22%	156	100%
White	2,241	70%	493	15%	483	15%	3,217	100%
All	14,177	67%	3,999	19%	3,092	15%	21,268	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.