

# FHDA Program Review

Physical Sciences/Math/Engin > Mathematics-FD

## Enrollment Trends

Physical Sciences/Math/Engin > Mathematics-FD

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
↗Unduplicated Headcount	12,687	12,398	11,595	10,561	10,096	-20.4%
↗Census Enrollment	22,950	22,785	21,268	18,334	17,864	-22.2%
↗Sections	648	667	637	554	541	-16.5%
↗WSCH	39,455	39,478	37,189	32,518	30,301	-23.2%
↗FTES (end of term)	2,599	2,610	2,459	2,149	2,006	-22.8%
↗FTEF (end of term)	70.9	74.7	71.2	60.6	58.5	-17.4%
↗Productivity (WSCH/FTEF)	557	528	522	536	518	-7.0%

## Faculty Workload

Physical Sciences/Math/Engin > Mathematics-FD

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
Full Time Load	25.8	28.0	26.5	25.2	23.4	-9%
Full Time %	36.3%	37.4%	37.3%	41.6%	40.1%	10%
Overload	9.5	10.9	8.8	9.4	10.4	10%
Overload %	13.4%	14.6%	12.4%	15.5%	17.8%	34%
Part Time Load	35.7	35.9	35.9	26.0	24.7	-31%
Part Time %	50.3%	48.0%	50.4%	42.9%	42.2%	-16%
Total FTEF	70.9	74.7	71.2	60.6	58.5	-17%

## Course Success

Physical Sciences/Math/Engin > Mathematics-FD

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	14,972	65%	14,747	65%	14,177	67%	12,318	67%	12,918	72%
Non Success	4,752	21%	4,564	20%	3,999	19%	3,173	17%	2,360	13%
Withdrew	3,226	14%	3,474	15%	3,092	15%	2,841	15%	2,586	14%
Total	22,950	100%	22,785	100%	21,268	100%	18,332	100%	17,864	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
<b>Success</b>	4,471	54%	4,690	55%	4,366	56%	3,133	53%	3,146	58%
<b>Non Success</b>	2,380	29%	2,248	26%	2,043	26%	1,466	25%	1,153	21%
<b>Withdrew</b>	1,425	17%	1,551	18%	1,357	17%	1,268	22%	1,118	21%
<b>Total</b>	8,276	100%	8,489	100%	7,766	100%	5,867	100%	5,417	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
<b>Success</b>	10,501	72%	10,057	70%	9,811	73%	9,185	74%	9,772	79%
<b>Non Success</b>	2,372	16%	2,316	16%	1,956	14%	1,707	14%	1,207	10%
<b>Withdrew</b>	1,801	12%	1,923	13%	1,735	13%	1,573	13%	1,468	12%
<b>Total</b>	14,674	100%	14,296	100%	13,502	100%	12,465	100%	12,447	100%

## by Gender

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	9,854	43%	9,711	43%	8,921	42%	7,490	41%	7,260	41%
Male	12,955	56%	12,918	57%	12,227	57%	10,732	59%	10,483	59%
Non-Binary	0	0%	0	0%	0	0%	4	0%	3	0%
Not Reported	141	1%	156	1%	120	1%	108	1%	118	1%
<b>Total</b>	<b>22,950</b>	<b>100%</b>	<b>22,785</b>	<b>100%</b>	<b>21,268</b>	<b>100%</b>	<b>18,334</b>	<b>100%</b>	<b>17,864</b>	<b>100%</b>

## by Ethnicity

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	865	4%	874	4%	818	4%	548	3%	534	3%
Asian	10,590	46%	10,405	46%	9,784	46%	9,332	51%	9,227	52%
Filipinx	1,643	7%	1,631	7%	1,392	7%	1,121	6%	1,040	6%
Latinx	5,768	25%	5,984	26%	5,556	26%	4,199	23%	3,843	22%
Native American	53	0%	74	0%	79	0%	68	0%	41	0%
Pacific Islander	161	1%	170	1%	156	1%	106	1%	106	1%
White	3,356	15%	3,267	14%	3,217	15%	2,717	15%	2,574	14%
Decline to State	514	2%	380	2%	266	1%	243	1%	499	3%
<b>Total</b>	<b>22,950</b>	<b>100%</b>	<b>22,785</b>	<b>100%</b>	<b>21,268</b>	<b>100%</b>	<b>18,334</b>	<b>100%</b>	<b>17,864</b>	<b>100%</b>

## 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	7,708	34%	7,341	32%	6,399	30%	5,997	33%	6,242	35%
20-24	11,762	51%	11,924	52%	11,261	53%	9,276	51%	8,662	48%
25-39	3,109	14%	3,139	14%	3,277	15%	2,755	15%	2,679	15%
40 +	371	2%	381	2%	331	2%	306	2%	281	2%
<b>Total</b>	<b>22,950</b>	<b>100%</b>	<b>22,785</b>	<b>100%</b>	<b>21,268</b>	<b>100%</b>	<b>18,334</b>	<b>100%</b>	<b>17,864</b>	<b>100%</b>

## 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	363	2%	413	2%	431	2%	481	3%	512	3%
Associate	344	1%	370	2%	384	2%	299	2%	341	2%
HS/Equivalent	20,436	89%	20,205	89%	18,748	88%	16,017	87%	15,566	87%
All Other	1,807	8%	1,797	8%	1,705	8%	1,537	8%	1,445	8%
<b>Total</b>	<b>22,950</b>	<b>100%</b>	<b>22,785</b>	<b>100%</b>	<b>21,268</b>	<b>100%</b>	<b>18,334</b>	<b>100%</b>	<b>17,864</b>	<b>100%</b>

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	5,409	75%	857	12%	994	14%	7,260	100%
Male	7,419	71%	1,491	14%	1,573	15%	10,483	100%
Non-Binary	3	100%	0	0%	0	0%	3	100%
Not Reported	87	74%	12	10%	19	16%	118	100%
All	12,918	72%	2,360	13%	2,586	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%
Not Reported	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%
Not Reported	78	65%	21	18%	21	18%	120	100%
All	14,177	67%	3,999	19%	3,092	15%	21,268	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	6,586	68%	1,794	18%	1,331	14%	9,711	100%
Male	8,056	62%	2,745	21%	2,117	16%	12,918	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	105	67%	25	16%	26	17%	156	100%
All	14,747	65%	4,564	20%	3,474	15%	22,785	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	6,689	68%	1,890	19%	1,275	13%	9,854	100%
Male	8,194	63%	2,832	22%	1,929	15%	12,955	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	89	63%	30	21%	22	16%	141	100%
All	14,972	65%	4,752	21%	3,226	14%	22,950	100%

2019-20									
	Success		Non Success		Withdrew		Total		
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
19 or less	4,703	75%	841	13%	698	11%	6,242	100%	
20-24	6,056	70%	1,186	14%	1,420	16%	8,662	100%	
25-39	1,952	73%	309	12%	418	16%	2,679	100%	
40 +	207	74%	24	9%	50	18%	281	100%	
All	12,918	72%	2,360	13%	2,586	14%	17,864	100%	

  

2018-19									
	Success		Non Success		Withdrew		Total		
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
19 or less	4,339	72%	923	15%	735	12%	5,997	100%	
20-24	5,954	64%	1,766	19%	1,555	17%	9,275	100%	
25-39	1,826	66%	444	16%	484	18%	2,754	100%	
40 +	199	65%	40	13%	67	22%	306	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	
19 or less	4,579	72%	1,133	18%	687	11%	6,399	100%	
20-24	7,173	64%	2,311	21%	1,777	16%	11,261	100%	
25-39	2,195	67%	517	16%	565	17%	3,277	100%	
40 +	230	69%	38	11%	63	19%	331	100%	
All	14,177	67%	3,999	19%	3,092	15%	21,268	100%	

  

2016-17									
	Success		Non Success		Withdrew		Total		
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
19 or less	5,070	69%	1,379	19%	892	12%	7,341	100%	
20-24	7,375	62%	2,607	22%	1,942	16%	11,924	100%	
25-39	2,042	65%	519	17%	578	18%	3,139	100%	
40 +	260	68%	59	15%	62	16%	381	100%	
All	14,747	65%	4,564	20%	3,474	15%	22,785	100%	

  

2015-16									
	Success		Non Success		Withdrew		Total		
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
19 or less	5,506	71%	1,473	19%	729	9%	7,708	100%	
20-24	7,219	61%	2,664	23%	1,879	16%	11,762	100%	
25-39	1,994	64%	559	18%	556	18%	3,109	100%	
40 +	253	68%	56	15%	62	17%	371	100%	
All	14,972	65%	4,752	21%	3,226	14%	22,950	100%	

	2019-20							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	326	61%	105	20%	103	19%	534	100%
Asian	7,413	80%	812	9%	1,002	11%	9,227	100%
Filipinx	729	70%	151	15%	160	15%	1,040	100%
Latinx	2,091	54%	897	23%	855	22%	3,843	100%
Native American	27	66%	8	20%	6	15%	41	100%
Pacific Islander	51	48%	24	23%	31	29%	106	100%
White	1,887	73%	296	11%	391	15%	2,574	100%
Decline to State	394	79%	67	13%	38	8%	499	100%
All	12,918	72%	2,360	13%	2,586	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%
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%
Decline to State	186	77%	37	15%	20	8%	243	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%
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%
Decline to State	201	76%	44	17%	21	8%	266	100%
All	14,177	67%	3,999	19%	3,092	15%	21,268	100%

  

	2016-17							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	476	54%	231	26%	167	19%	874	100%
Asian	7,455	72%	1,632	16%	1,318	13%	10,405	100%
Filipinx	1,004	62%	364	22%	263	16%	1,631	100%
Latinx	3,210	54%	1,653	28%	1,121	19%	5,984	100%
Native American	42	57%	22	30%	10	14%	74	100%
Pacific Islander	87	51%	48	28%	35	21%	170	100%
White	2,182	67%	560	17%	525	16%	3,267	100%
Decline to State	291	77%	54	14%	35	9%	380	100%
All	14,747	65%	4,564	20%	3,474	15%	22,785	100%

  

	2015-16							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	461	53%	255	29%	149	17%	865	100%
Asian	7,745	73%	1,634	15%	1,211	11%	10,590	100%
Filipinx	1,003	61%	373	23%	267	16%	1,643	100%
Latinx	3,007	52%	1,752	30%	1,009	17%	5,768	100%
Native American	31	58%	13	25%	9	17%	53	100%
Pacific Islander	99	61%	35	22%	27	17%	161	100%
White	2,243	67%	603	18%	510	15%	3,356	100%
Decline to State	383	75%	87	17%	44	9%	514	100%
All	14,972	65%	4,752	21%	3,226	14%	22,950	100%