

FHDA Program Review

Limits:

Physical Sciences/Math/Engin > Mathematics-FD

Enrollment Trends

Physical Sciences/Math/Engin > Mathematics-FD

	2014-15	2015-16	2016-17	2017-18	2018-19	5-yr %Inc
↗Unduplicated Headcount	13,203	12,687	12,398	11,595	10,561	-20.0%
↗Census Enrollment	23,854	22,950	22,785	21,268	18,334	-23.1%
↗Sections	669	648	667	637	554	-17.2%
↗WSCH	41,125	39,455	39,478	37,189	32,518	-20.9%
↗FTES (end of term)	2,709	2,599	2,610	2,459	2,149	-20.7%
↗FTEF (end of term)	72.5	70.9	74.7	71.2	60.6	-16.3%
↗Productivity (WSCH/FTEF)	568	557	528	522	536	-5.5%

Faculty Workload

Physical Sciences/Math/Engin > Mathematics-FD

	2014-15	2015-16	2016-17	2017-18	2018-19	5-yr %Inc
Full Time Load	26.5	25.8	28.0	26.5	25.2	-5%
Full Time %	36.6%	36.3%	37.4%	37.3%	41.6%	13%
Overload	10.7	9.5	10.9	8.8	9.4	-12%
Overload %	14.8%	13.4%	14.6%	12.4%	15.5%	5%
Part Time Load	35.2	35.7	35.9	35.9	26.0	-26%
Part Time %	48.6%	50.3%	48.0%	50.4%	42.9%	-12%
Total FTEF	72.5	70.9	74.7	71.2	60.6	-16%

Course Success

Physical Sciences/Math/Engin > Mathematics-FD

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	15,332	64%	14,972	65%	14,747	65%	14,177	67%	12,318	67%
Non Success	5,059	21%	4,752	21%	4,564	20%	3,999	19%	3,173	17%
Withdrew	3,463	15%	3,226	14%	3,474	15%	3,092	15%	2,841	15%
Total	23,854	100%	22,950	100%	22,785	100%	21,268	100%	18,332	100%

Course Success for Targeted Groups

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	4,547	53%	4,471	54%	4,690	55%	4,366	56%	3,133	53%
Non Success	2,511	29%	2,380	29%	2,248	26%	2,043	26%	1,466	25%
Withdrew	1,469	17%	1,425	17%	1,551	18%	1,357	17%	1,268	22%
Total	8,527	100%	8,276	100%	8,489	100%	7,766	100%	5,867	100%

Course Success for Non Targeted Groups

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	10,785	70%	10,501	72%	10,057	70%	9,811	73%	9,185	74%
Non Success	2,548	17%	2,372	16%	2,316	16%	1,956	14%	1,707	14%
Withdrew	1,994	13%	1,801	12%	1,923	13%	1,735	13%	1,573	13%
Total	15,327	100%	14,674	100%	14,296	100%	13,502	100%	12,465	100%

by Gender

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	10,235	43%	9,995	44%	9,867	43%	9,041	43%	7,598	41%
Male	13,619	57%	12,955	56%	12,918	57%	12,227	57%	10,732	59%
Non-Binary	0	0%	0	0%	0	0%	0	0%	4	0%
Total	23,854	100%	22,950	100%	22,785	100%	21,268	100%	18,334	100%

by Ethnicity

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	909	4%	865	4%	874	4%	818	4%	548	3%
Asian	10,777	45%	10,590	46%	10,405	46%	9,784	46%	9,332	51%
Filipinx	1,649	7%	1,643	7%	1,631	7%	1,392	7%	1,121	6%
Latinx	5,969	25%	5,768	25%	5,984	26%	5,556	26%	4,199	23%
Native American	90	0%	53	0%	74	0%	79	0%	68	0%
Pacific Islander	163	1%	161	1%	170	1%	156	1%	106	1%
White	3,804	16%	3,356	15%	3,267	14%	3,217	15%	2,717	15%
Decline to State	493	2%	514	2%	380	2%	266	1%	243	1%
Total	23,854	100%	22,950	100%	22,785	100%	21,268	100%	18,334	100%

by Age

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
19 or less	8,233	35%	7,708	34%	7,341	32%	6,399	30%	5,997	33%
20-24	11,883	50%	11,762	51%	11,924	52%	11,261	53%	9,276	51%
25-39	3,337	14%	3,109	14%	3,139	14%	3,277	15%	2,755	15%
40 +	401	2%	371	2%	381	2%	331	2%	306	2%
Total	23,854	100%	22,950	100%	22,785	100%	21,268	100%	18,334	100%

by Education Level

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Bachelor or higher	366	2%	363	2%	413	2%	431	2%	481	3%
Associate	366	2%	344	1%	370	2%	384	2%	299	2%
HS/Equivalent	21,204	89%	20,436	89%	20,205	89%	18,748	88%	16,017	87%
All Other	1,918	8%	1,807	8%	1,797	8%	1,705	8%	1,537	8%
Total	23,854	100%	22,950	100%	22,785	100%	21,268	100%	18,334	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.

Success Rates by Gender
Physical Sciences/Math/Engin > Mathematics-FD

		2018-19							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female		5,259	69%	1,170	15%	1,167	15%	7,596	100%
Male		7,056	66%	2,002	19%	1,674	16%	10,732	100%
Non-Binary		3	75%	1	25%	0	0%	4	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		6,316	70%	1,487	16%	1,238	14%	9,041	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%
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		6,691	68%	1,819	18%	1,357	14%	9,867	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%
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		6,778	68%	1,920	19%	1,297	13%	9,995	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%
All		14,972	65%	4,752	21%	3,226	14%	22,950	100%

		2014-15							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female		6,856	67%	1,974	19%	1,405	14%	10,235	100%
Male		8,476	62%	3,085	23%	2,058	15%	13,619	100%
Non-Binary		0	N/A	0	N/A	0	N/A	0	100%
All		15,332	64%	5,059	21%	3,463	15%	23,854	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%	

2014-15									
	Success		Non Success		Withdrew		Total		
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
19 or less	5,644	69%	1,684	20%	905	11%	8,233	100%	
20-24	7,274	61%	2,757	23%	1,852	16%	11,883	100%	
25-39	2,166	65%	549	16%	622	19%	3,337	100%	
40 +	248	62%	69	17%	84	21%	401	100%	
All	15,332	64%	5,059	21%	3,463	15%	23,854	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%

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	461	51%	278	31%	170	19%	909	100%
Asian	7,766	72%	1,704	16%	1,307	12%	10,777	100%
Filipinx	993	60%	399	24%	257	16%	1,649	100%
Latinx	3,093	52%	1,834	31%	1,042	17%	5,969	100%
Native American	47	52%	27	30%	16	18%	90	100%
Pacific Islander	98	60%	44	27%	21	13%	163	100%
White	2,508	66%	683	18%	613	16%	3,804	100%
Decline to State	366	74%	90	18%	37	8%	493	100%
All	15,332	64%	5,059	21%	3,463	15%	23,854	100%