

FHDA Program Review

Physics-FD

Enrollment Trends Physics-FD

	2013-14	2014-15	2015-16	2016-17	2017-18	5-yr %Inc
↗Unduplicated Headcount	1,471	1,547	1,576	1,441	1,399	-4.9%
↗Census Enrollment	2,068	2,200	2,316	2,120	2,053	-0.7%
↗Sections	61	65	72	70	67	9.8%
↗WSCH	4,233	4,527	4,847	4,481	4,250	0.4%
↗FTES (end of term)	286	305	327	302	287	0.5%
↗FTEF (end of term)	6.4	7.5	8.5	8.5	7.9	23.8%
↗Productivity (WSCH/FTEF)	660	607	569	529	535	-18.9%

Faculty Workload Physics-FD

	2013-14	2014-15	2015-16	2016-17	2017-18	5-yr %Inc
Full Time Load	2.5	3.1	3.0	3.0	3.0	19%
Full Time %	39.5%	40.9%	35.3%	34.9%	37.9%	-4%
Overload	1.6	1.5	1.9	1.4	1.5	-7%
Overload %	25.0%	20.5%	22.2%	16.7%	18.8%	-25%
Part Time Load	2.3	2.9	3.6	4.1	3.4	51%
Part Time %	35.6%	38.6%	42.5%	48.4%	43.3%	22%
Total FTEF	6.4	7.5	8.5	8.5	7.9	24%

Course Success Physics-FD

	2013-14		2014-15		2015-16		2016-17		2017-18	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,359	66%	1,275	58%	1,492	64%	1,366	64%	1,233	60%
Non Success	319	15%	407	19%	382	16%	307	14%	332	16%
Withdrew	390	19%	518	24%	442	19%	447	21%	488	24%
Total	2,068	100%	2,200	100%	2,316	100%	2,120	100%	2,053	100%

Course Success by Targeted Ethnic Group
Physics-FD

Course Success for Targeted Groups

	2013-14		2014-15		2015-16		2016-17		2017-18	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	156	50%	154	46%	185	53%	181	54%	185	46%
Non Success	68	22%	74	22%	63	18%	56	17%	75	19%
Withdrew	90	29%	106	32%	102	29%	98	29%	138	35%
Total	314	100%	334	100%	350	100%	335	100%	398	100%

Course Success for Non Targeted Groups

	2013-14		2014-15		2015-16		2016-17		2017-18	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,203	69%	1,121	60%	1,307	66%	1,185	66%	1,048	63%
Non Success	251	14%	333	18%	319	16%	251	14%	257	16%
Withdrew	300	17%	412	22%	340	17%	349	20%	350	21%
Total	1,754	100%	1,866	100%	1,966	100%	1,785	100%	1,655	100%

Enrollment Distribution by Student Demographics
Physics-FD

by Gender

	2013-14		2014-15		2015-16		2016-17		2017-18	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	553	27%	606	28%	694	30%	596	28%	605	29%
Male	1,515	73%	1,594	72%	1,622	70%	1,524	72%	1,448	71%
Total	2,068	100%	2,200	100%	2,316	100%	2,120	100%	2,053	100%

by Ethnicity

	2013-14		2014-15		2015-16		2016-17		2017-18	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	42	2%	45	2%	38	2%	45	2%	40	2%
Asian	1,329	64%	1,459	66%	1,543	67%	1,441	68%	1,337	65%
Filipino	95	5%	101	5%	117	5%	94	4%	112	5%
Latino/a	177	9%	188	9%	195	8%	196	9%	246	12%
Native American	3	0%	3	0%	1	0%	6	0%	1	0%
Pacific Islander	8	0%	8	0%	2	0%	4	0%	9	0%
White	368	18%	333	15%	362	16%	301	14%	279	14%
Decline to State	46	2%	63	3%	58	3%	33	2%	29	1%
Total	2,068	100%	2,200	100%	2,316	100%	2,120	100%	2,053	100%

by Age

	2013-14		2014-15		2015-16		2016-17		2017-18	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
19 or less	614	30%	632	29%	560	24%	533	25%	526	26%
20-24	1,169	57%	1,257	57%	1,452	63%	1,342	63%	1,239	60%
25-39	258	12%	296	13%	294	13%	232	11%	282	14%
40 +	27	1%	15	1%	10	0%	13	1%	6	0%
Total	2,068	100%	2,200	100%	2,316	100%	2,120	100%	2,053	100%

by Education Level

	2013-14		2014-15		2015-16		2016-17		2017-18	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Bachelor or higher	69	3%	67	3%	74	3%	47	2%	56	3%
Associate	29	1%	38	2%	43	2%	31	1%	34	2%
HS/Equivalent	1,688	82%	1,776	81%	1,957	84%	1,819	86%	1,740	85%
All Other	282	14%	319	14%	242	10%	223	11%	223	11%
Total	2,068	100%	2,200	100%	2,316	100%	2,120	100%	2,053	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
Physics-FD

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	422	70%	68	11%	115	19%	605	100%
Male	811	56%	264	18%	373	26%	1,448	100%
All	1,233	60%	332	16%	488	24%	2,053	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	422	71%	58	10%	116	19%	596	100%
Male	944	62%	249	16%	331	22%	1,524	100%
All	1,366	64%	307	14%	447	21%	2,120	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	473	68%	94	14%	127	18%	694	100%
Male	1,019	63%	288	18%	315	19%	1,622	100%
All	1,492	64%	382	16%	442	19%	2,316	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	388	64%	87	14%	131	22%	606	100%
Male	887	56%	320	20%	387	24%	1,594	100%
All	1,275	58%	407	19%	518	24%	2,200	100%

2013-14

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	408	74%	68	12%	77	14%	553	100%
Male	951	63%	251	17%	313	21%	1,515	100%
All	1,359	66%	319	15%	390	19%	2,068	100%

Success Rates by Age
Physics-FD

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	366	70%	67	13%	93	18%	526	100%
20-24	708	57%	205	17%	326	26%	1,239	100%
25-39	154	55%	60	21%	68	24%	282	100%
40 +	5	83%	0	0%	1	17%	6	100%
All	1,233	60%	332	16%	488	24%	2,053	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	375	70%	60	11%	98	18%	533	100%
20-24	831	62%	217	16%	294	22%	1,342	100%
25-39	151	65%	28	12%	53	23%	232	100%
40 +	9	69%	2	15%	2	15%	13	100%
All	1,366	64%	307	14%	447	21%	2,120	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	403	72%	62	11%	95	17%	560	100%
20-24	888	61%	276	19%	288	20%	1,452	100%
25-39	193	66%	44	15%	57	19%	294	100%
40 +	8	80%	0	0%	2	20%	10	100%
All	1,492	64%	382	16%	442	19%	2,316	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	407	64%	94	15%	131	21%	632	100%
20-24	709	56%	245	19%	303	24%	1,257	100%
25-39	154	52%	64	22%	78	26%	296	100%
40 +	5	33%	4	27%	6	40%	15	100%
All	1,275	58%	407	19%	518	24%	2,200	100%

2013-14

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	463	75%	69	11%	82	13%	614	100%
20-24	721	62%	200	17%	248	21%	1,169	100%
25-39	153	59%	49	19%	56	22%	258	100%
40 +	22	81%	1	4%	4	15%	27	100%
All	1,359	66%	319	15%	390	19%	2,068	100%

Success Rates by Ethnicity
Physics-FD

	2017-18							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	15	38%	9	23%	16	40%	40	100%
Asian	840	63%	210	16%	287	21%	1,337	100%
Filipino	48	43%	28	25%	36	32%	112	100%
Latino/a	122	50%	38	15%	86	35%	246	100%
Native American	1	100%	0	0%	0	0%	1	100%
Pacific Islander	4	44%	2	22%	3	33%	9	100%
White	185	66%	36	13%	58	21%	279	100%
Decline to State	18	62%	9	31%	2	7%	29	100%
All	1,233	60%	332	16%	488	24%	2,053	100%

	2016-17							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	25	56%	6	13%	14	31%	45	100%
Asian	966	67%	200	14%	275	19%	1,441	100%
Filipino	46	49%	19	20%	29	31%	94	100%
Latino/a	110	56%	31	16%	55	28%	196	100%
Native American	5	83%	0	0%	1	17%	6	100%
Pacific Islander	1	25%	2	50%	1	25%	4	100%
White	193	64%	43	14%	65	22%	301	100%
Decline to State	20	61%	6	18%	7	21%	33	100%
All	1,366	64%	307	14%	447	21%	2,120	100%

	2015-16							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	22	58%	3	8%	13	34%	38	100%
Asian	1,018	66%	269	17%	256	17%	1,543	100%
Filipino	55	47%	25	21%	37	32%	117	100%
Latino/a	108	55%	35	18%	52	27%	195	100%
Native American	1	100%	0	0%	0	0%	1	100%
Pacific Islander	2	100%	0	0%	0	0%	2	100%
White	242	67%	42	12%	78	22%	362	100%
Decline to State	44	76%	8	14%	6	10%	58	100%
All	1,492	64%	382	16%	442	19%	2,316	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	18	40%	8	18%	19	42%	45	100%
Asian	866	59%	268	18%	325	22%	1,459	100%
Filipino	37	37%	26	26%	38	38%	101	100%
Latino/a	99	53%	40	21%	49	26%	188	100%
Native American	2	67%	0	0%	1	33%	3	100%
Pacific Islander	3	38%	1	13%	4	50%	8	100%
White	205	62%	51	15%	77	23%	333	100%
Decline to State	45	71%	13	21%	5	8%	63	100%
All	1,275	58%	407	19%	518	24%	2,200	100%

2013-14

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	21	50%	5	12%	16	38%	42	100%
Asian	901	68%	202	15%	226	17%	1,329	100%
Filipino	53	56%	19	20%	23	24%	95	100%
Latino/a	82	46%	44	25%	51	29%	177	100%
Native American	3	100%	0	0%	0	0%	3	100%
Pacific Islander	8	100%	0	0%	0	0%	8	100%
White	261	71%	39	11%	68	18%	368	100%
Decline to State	30	65%	10	22%	6	13%	46	100%
All	1,359	66%	319	15%	390	19%	2,068	100%