FHDA Program Review

Limits:

Physical Sciences/Math/Engin > Physics-FD

Enrollment Trends

Physical Sciences/Math/Engin > Physics-FD

	2014-15	2015-16	2016-17	2017-18	2018-19	5-yr %lnc
✓Unduplicated Headcount	1,547	1,576	1,441	1,399	1,340	-13.4%
<u> </u>	2,200	2,316	2,120	2,053	1,974	-10.3%
<u></u> ✓Sections	65	72	70	67	60	-7.7%
∠ WSCH	4,527	4,847	4,481	4,250	4,184	-7.6%
✓FTES (end of term)	305	327	302	287	283	-7.3%
✓FTEF (end of term)	7.5	8.5	8.5	7.9	7.0	-5.7%
✓Productivity (WSCH/FTEF)	607	569	529	535	595	-2.0%

Faculty Workload

Physical Sciences/Math/Engin > Physics-FD

	2014-15	2015-16	2016-17	2017-18	2018-19	5-yr %lnd
Full Time Load	3.1	3.0	3.0	3.0	3.0	-3%
Full Time %	40.9%	35.3%	34.9%	37.9%	42.1%	3%
Overload	1.5	1.9	1.4	1.5	1.2	-21%
Overload %	20.5%	22.2%	16.7%	18.8%	17.1%	-16%
Part Time Load	2.9	3.6	4.1	3.4	2.9	0%
Part Time %	38.6%	42.5%	48.4%	43.3%	40.9%	69
Total FTEF	7.5	8.5	8.5	7.9	7.0	-69

Course Success

Physical Sciences/Math/Engin > Physics-FD

	2014	2014-15		2015-16		2016-17		'-18	2018-19	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,275	58%	1,492	64%	1,366	64%	1,233	60%	1,252	63%
Non Success	407	19%	382	16%	307	14%	332	16%	327	17%
Withdrew	518	24%	442	19%	447	21%	488	24%	395	20%
Total	2,200	100%	2,316	100%	2,120	100%	2,053	100%	1,974	100%

Course Success for Targeted Groups

	2014	I-15	2015	5-16	2016	6-17	2017	'-18	2018	3-19
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	154	46%	185	53%	181	54%	185	46%	183	54%
Non Success	74	22%	63	18%	56	17%	75	19%	70	21%
Withdrew	106	32%	102	29%	98	29%	138	35%	85	25%
Total	334	100%	350	100%	335	100%	398	100%	338	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
1,121	60%	1,307	66%	1,185	66%	1,048	63%	1,069	65%
333	18%	319	16%	251	14%	257	16%	257	16%
412	22%	340	17%	349	20%	350	21%	310	19%
1,866	100%	1,966	100%	1,785	100%	1,655	100%	1,636	100%
	Grades 1,121 333 412	Grades Percent 1,121 60% 333 18% 412 22%	Grades Percent Grades 1,121 60% 1,307 333 18% 319 412 22% 340	Grades Percent Grades Percent 1,121 60% 1,307 66% 333 18% 319 16% 412 22% 340 17%	Grades Percent Grades Percent Grades 1,121 60% 1,307 66% 1,185 333 18% 319 16% 251 412 22% 340 17% 349	Grades Percent Grades Percent Grades Percent 1,121 60% 1,307 66% 1,185 66% 333 18% 319 16% 251 14% 412 22% 340 17% 349 20%	Grades Percent Grades Percent Grades Percent Grades 1,121 60% 1,307 66% 1,185 66% 1,048 333 18% 319 16% 251 14% 257 412 22% 340 17% 349 20% 350	Grades Percent Grades Percent Grades Percent 1,121 60% 1,307 66% 1,185 66% 1,048 63% 333 18% 319 16% 251 14% 257 16% 412 22% 340 17% 349 20% 350 21%	Grades Percent Grades Percent Grades Percent Grades Percent Grades 1,121 60% 1,307 66% 1,185 66% 1,048 63% 1,069 333 18% 319 16% 251 14% 257 16% 257 412 22% 340 17% 349 20% 350 21% 310

by Gender

	2014	4-15	201	5-16	2010	6-17	201	7-18	2018	3-19
	Enr	Percent								
Female	606	28%	694	30%	596	28%	605	29%	629	32%
Male	1,594	72%	1,622	70%	1,524	72%	1,448	71%	1,344	68%
Non-Binary	0	0%	0	0%	0	0%	0	0%	1	0%
Total	2,200	100%	2,316	100%	2,120	100%	2,053	100%	1,974	100%

by Ethnicity

	2014	4-15	201	5-16	2010	6-17	2017	7-18	2018	B-19
	Enr	Percent								
African American	45	2%	38	2%	45	2%	40	2%	42	2%
Asian	1,459	66%	1,543	67%	1,441	68%	1,337	65%	1,302	66%
Filipinx	101	5%	117	5%	94	4%	112	5%	80	4%
Latinx	188	9%	195	8%	196	9%	246	12%	216	11%
Native American	3	0%	1	0%	6	0%	1	0%	6	0%
Pacific Islander	8	0%	2	0%	4	0%	9	0%	4	0%
White	333	15%	362	16%	301	14%	279	14%	295	15%
Decline to State	63	3%	58	3%	33	2%	29	1%	29	1%
Total	2,200	100%	2,316	100%	2,120	100%	2,053	100%	1,974	100%

by Age

	2014	I-15	2015	5-16	2016	6-17	2017	7-18	2018	B-19
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
19 or less	632	29%	560	24%	533	25%	526	26%	460	23%
20-24	1,257	57%	1,452	63%	1,342	63%	1,239	60%	1,183	60%
25-39	296	13%	294	13%	232	11%	282	14%	307	16%
40 +	15	1%	10	0%	13	1%	6	0%	24	1%
Total	2,200	100%	2,316	100%	2,120	100%	2,053	100%	1,974	100%

by Education Level

	2014	2014-15		2015-16		6-17	201	7-18	2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Bachelor or higher	67	3%	74	3%	47	2%	56	3%	75	4%
Associate	38	2%	43	2%	31	1%	34	2%	34	2%
HS/Equivalent	1,776	81%	1,957	84%	1,819	86%	1,740	85%	1,649	84%
All Other	319	14%	242	10%	223	11%	223	11%	216	11%
Total	2,200	100%	2,316	100%	2,120	100%	2,053	100%	1,974	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.

				2018-	·19			
	Succe	ess	Non Suc	ccess	Withd	rew	Tota	ıl
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen
Female	418	66%	94	15%	117	19%	629	100%
Male	834	62%	232	17%	278	21%	1,344	100%
Non-Binary	0	0%	1	100%	0	0%	1	100%
All	1,252	63%	327	17%	395	20%	1,974	100%
				2017-	-18			
	Succe	ess	Non Suc	ccess	Withd	rew	Tota	d
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen
Female	422	70%	68	11%	115	19%	605	100%
Male	811	56%	264	18%	373	26%	1,448	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
All	1,233	60%	332	16%	488	24%	2,053	100%
				2016-	-17			
	Succe	ess	Non Suc	ccess	Withd	rew	Tota	d
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen
Female	422	71%	58	10%	116	19%	596	100%
Male	944	62%	249	16%	331	22%	1,524	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
All	1,366	64%	307	14%	447	21%	2,120	100%
				2015-				
	Succe		Non Suc		Withd		Tota	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen
Female	473	68%	94	14%	127	18%	694	100%
Male	1,019	63%	288	18%	315	19%	1,622	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
All	1,492	64%	382	16%	442	19%	2,316	100%
	0		N O	2014-			T . (.	
	Succe		Non Suc		Withd		Tota	
Female	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen
CELLIAIE	388	64% 56%	87 320	14% 20%	131 387	22% 24%	606 1,594	100% 100%
			.570	ZU%	აგ/	24 %	1.094	1009
Male Non-Binary	887	N/A	0	N/A	0	N/A	0	100%

				2018-	19			
	Succe	ess	Non Suc	cess	Withd	rew	Tota	ıl
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen
19 or less	332	72%	48	10%	80	17%	460	100%
20-24	732	62%	214	18%	237	20%	1,183	100%
25-39	171	56%	63	21%	73	24%	307	100%
40 +	17	71%	2	8%	5	21%	24	100%
All	1,252	63%	327	17%	395	20%	1,974	100%
				2017-	18			
	Succe	ess	Non Suc	ccess	Withd	rew	Tota	ıl
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen
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			
	Succe	ess	Non Suc	ccess	Withd	rew	Tota	ıl
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen
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			
	Succe	ess	Non Suc	ccess	Withd	rew	Tota	ıl
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen
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			
	Succe		Non Suc		Withd		Tota	
40	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen
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	1009
All	1,275	58%	407	19%	518	24%	2,200	100%

				2018-	19			
	Succe		Non Suc	cess	Withd	rew	Tota	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percer
African American	20	48%	13	31%	9	21%	42	100°
Asian	854	66%	199	15%	249	19%	1,302	100
Filipinx	51	64%	10	13%	19	24%	80	100
Latinx	112	52%	47	22%	57	26%	216	100
Native American	4	67%	2	33%	0	0%	6	100
Pacific Islander	2	50%	1	25%	1	25%	4	100
White	190	64%	49	17%	56	19%	295	100
Decline to State	19	66%	6	21%	4	14%	29	100
AII	1,252	63%	327	17%	395	20%	1,974	100
				2017-	18			
	Succe	ess	Non Suc	cess	Withd	rew	Tota	l
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Perce
African American	15	38%	9	23%	16	40%	40	100
Asian	840	63%	210	16%	287	21%	1,337	100
Filipinx	48	43%	28	25%	36	32%	112	100
Latinx	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-			_ ,	
	Succe		Non Suc		Withd		Tota	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Perce
African American	25	56%	6	13%	14	31%	45	100
Asian	966	67%	200	14%	275	19%	1,441	100
Filipinx	46	49%	19	20%	29	31%	94	100
Latinx	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			
	Succe	ess	Non Suc		Withd	rew	Tota	l
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Perce
African American	22	58%	3	8%	13	34%	38	100
Asian	1,018	66%	269	17%	256	17%	1,543	100
	55				37			
Filipinx Latiny		47%	25	21%		32%	117	100
Latinx	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
	Succe	ess	Non Suc	2014-	15 Withd	rew	Tota	I
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Perce
African American	18	40%	8	18%	19	42%	45	100
Asian	866	59%	268	18%	325	22%	1,459	100
Filipinx	37	37%	26	26%	38	38%	101	100
•								
Latinx	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
A/I- !4 -	205	62%	51	15%	77	23%	333	100
vvnite	200	02 /0						
White Decline to State	45	71%	13	21%	5	8%	63	100