

# FHDA Program Review

Physical Sciences/Math/Engin > Meteorology-FD

## Enrollment Trends

Physical Sciences/Math/Engin > Meteorology-FD

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
↗Unduplicated Headcount	678	500	615	723	861	27.0%
↗Census Enrollment	769	584	713	814	1,108	44.1%
↗Sections	13	13	17	16	21	61.5%
↗WSCH	1,204	916	1,118	1,264	1,623	34.8%
↗FTEs (end of term)	80	61	74	84	108	35.1%
↗FTEF (end of term)	1.4	1.5	1.9	1.8	2.2	55.7%
↗Productivity (WSCH/FTEF)	846	631	590	690	732	-13.4%

## Faculty Workload

Physical Sciences/Math/Engin > Meteorology-FD

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
Full Time Load	0.3	0.5	1.0	1.0	1.0	286%
Full Time %	17.6%	35.1%	53.8%	55.3%	43.6%	148%
Overload	0.3	0.1	0.1	0.2	0.4	34%
Overload %	22.9%	4.6%	6.6%	10.5%	19.8%	-14%
Part Time Load	0.8	0.9	0.7	0.6	0.8	-4%
Part Time %	59.5%	60.3%	39.6%	34.2%	36.6%	-38%
Total FTEF	1.4	1.5	1.9	1.8	2.2	56%

## Course Success

Physical Sciences/Math/Engin > Meteorology-FD

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	681	89%	513	88%	627	88%	682	84%	1,008	91%
Non Success	48	6%	36	6%	26	4%	70	9%	55	5%
Withdrew	40	5%	35	6%	60	8%	62	8%	45	4%
Total	769	100%	584	100%	713	100%	814	100%	1,108	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>	180	80%	152	84%	189	82%	218	76%	298	85%
<b>Non Success</b>	27	12%	19	10%	8	3%	33	11%	31	9%
<b>Withdrew</b>	18	8%	11	6%	34	15%	36	13%	20	6%
<b>Total</b>	225	100%	182	100%	231	100%	287	100%	349	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>	501	92%	361	90%	438	91%	464	88%	710	94%
<b>Non Success</b>	21	4%	17	4%	18	4%	37	7%	24	3%
<b>Withdrew</b>	22	4%	24	6%	26	5%	26	5%	25	3%
<b>Total</b>	544	100%	402	100%	482	100%	527	100%	759	100%

## by Gender

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	371	48%	301	52%	327	46%	400	49%	471	43%
Male	395	51%	280	48%	376	53%	413	51%	632	57%
Non-Binary	0	0%	0	0%	0	0%	0	0%	1	0%
Not Reported	3	0%	3	1%	10	1%	1	0%	4	0%
<b>Total</b>	<b>769</b>	<b>100%</b>	<b>584</b>	<b>100%</b>	<b>713</b>	<b>100%</b>	<b>814</b>	<b>100%</b>	<b>1,108</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	29	4%	28	5%	22	3%	45	6%	39	4%
Asian	420	55%	311	53%	366	51%	391	48%	589	53%
Filipinx	47	6%	38	7%	69	10%	57	7%	68	6%
Latinx	149	19%	116	20%	140	20%	185	23%	242	22%
Native American	0	0%	0	0%	4	1%	3	0%	0	0%
Pacific Islander	6	1%	5	1%	4	1%	11	1%	10	1%
White	96	12%	73	13%	94	13%	110	14%	129	12%
Decline to State	22	3%	13	2%	14	2%	12	1%	31	3%
<b>Total</b>	<b>769</b>	<b>100%</b>	<b>584</b>	<b>100%</b>	<b>713</b>	<b>100%</b>	<b>814</b>	<b>100%</b>	<b>1,108</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	142	18%	99	17%	124	17%	195	24%	247	22%
20-24	485	63%	363	62%	454	64%	487	60%	679	61%
25-39	117	15%	112	19%	122	17%	115	14%	158	14%
40 +	25	3%	10	2%	13	2%	17	2%	24	2%
<b>Total</b>	<b>769</b>	<b>100%</b>	<b>584</b>	<b>100%</b>	<b>713</b>	<b>100%</b>	<b>814</b>	<b>100%</b>	<b>1,108</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	15	2%	7	1%	23	3%	19	2%	23	2%
Associate	16	2%	8	1%	17	2%	7	1%	32	3%
HS/Equivalent	675	88%	531	91%	614	86%	737	91%	976	88%
All Other	63	8%	38	7%	59	8%	51	6%	77	7%
<b>Total</b>	<b>769</b>	<b>100%</b>	<b>584</b>	<b>100%</b>	<b>713</b>	<b>100%</b>	<b>814</b>	<b>100%</b>	<b>1,108</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	423	90%	24	5%	24	5%	471	100%
Male	580	92%	31	5%	21	3%	632	100%
Non-Binary	1	100%	0	0%	0	0%	1	100%
Not Reported	4	100%	0	0%	0	0%	4	100%
All	1,008	91%	55	5%	45	4%	1,108	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	339	85%	26	7%	35	9%	400	100%
Male	343	83%	43	10%	27	7%	413	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	0	0%	1	100%	0	0%	1	100%
All	682	84%	70	9%	62	8%	814	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	290	89%	15	5%	22	7%	327	100%
Male	327	87%	11	3%	38	10%	376	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	10	100%	0	0%	0	0%	10	100%
All	627	88%	26	4%	60	8%	713	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	257	85%	21	7%	23	8%	301	100%
Male	254	91%	14	5%	12	4%	280	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	2	67%	1	33%	0	0%	3	100%
All	513	88%	36	6%	35	6%	584	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	328	88%	22	6%	21	6%	371	100%
Male	351	89%	25	6%	19	5%	395	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	2	67%	1	33%	0	0%	3	100%
All	681	89%	48	6%	40	5%	769	100%

**2019-20**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	230	93%	14	6%	3	1%	247	100%
20-24	622	92%	28	4%	29	4%	679	100%
25-39	136	86%	13	8%	9	6%	158	100%
40 +	20	83%	0	0%	4	17%	24	100%
All	1,008	91%	55	5%	45	4%	1,108	100%

**2018-19**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	172	88%	12	6%	11	6%	195	100%
20-24	404	83%	46	9%	37	8%	487	100%
25-39	90	78%	12	10%	13	11%	115	100%
40 +	16	94%	0	0%	1	6%	17	100%
All	682	84%	70	9%	62	8%	814	100%

**2017-18**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	113	91%	3	2%	8	6%	124	100%
20-24	397	87%	16	4%	41	9%	454	100%
25-39	105	86%	7	6%	10	8%	122	100%
40 +	12	92%	0	0%	1	8%	13	100%
All	627	88%	26	4%	60	8%	713	100%

**2016-17**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	90	91%	4	4%	5	5%	99	100%
20-24	319	88%	25	7%	19	5%	363	100%
25-39	95	85%	6	5%	11	10%	112	100%
40 +	9	90%	1	10%	0	0%	10	100%
All	513	88%	36	6%	35	6%	584	100%

**2015-16**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	133	94%	5	4%	4	3%	142	100%
20-24	427	88%	34	7%	24	5%	485	100%
25-39	101	86%	7	6%	9	8%	117	100%
40 +	20	80%	2	8%	3	12%	25	100%
All	681	89%	48	6%	40	5%	769	100%

	2019-20							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	33	85%	5	13%	1	3%	39	100%
Asian	562	95%	12	2%	15	3%	589	100%
Filipinx	64	94%	2	3%	2	3%	68	100%
Latinx	201	83%	24	10%	17	7%	242	100%
Native American	0	N/A	0	N/A	0	N/A	0	100%
Pacific Islander	8	80%	1	10%	1	10%	10	100%
White	116	90%	7	5%	6	5%	129	100%
Decline to State	24	77%	4	13%	3	10%	31	100%
All	1,008	91%	55	5%	45	4%	1,108	100%

	2018-19							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	26	58%	9	20%	10	22%	45	100%
Asian	351	90%	22	6%	18	5%	391	100%
Filipinx	54	95%	1	2%	2	4%	57	100%
Latinx	138	75%	23	12%	24	13%	185	100%
Native American	2	67%	1	33%	0	0%	3	100%
Pacific Islander	6	55%	5	45%	0	0%	11	100%
White	93	85%	9	8%	8	7%	110	100%
Decline to State	12	100%	0	0%	0	0%	12	100%
All	682	84%	70	9%	62	8%	814	100%

	2017-18							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	15	68%	2	9%	5	23%	22	100%
Asian	335	92%	9	2%	22	6%	366	100%
Filipinx	59	86%	3	4%	7	10%	69	100%
Latinx	115	82%	3	2%	22	16%	140	100%
Native American	3	75%	1	25%	0	0%	4	100%
Pacific Islander	1	25%	2	50%	1	25%	4	100%
White	85	90%	6	6%	3	3%	94	100%
Decline to State	14	100%	0	0%	0	0%	14	100%
All	627	88%	26	4%	60	8%	713	100%

	2016-17							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	23	82%	3	11%	2	7%	28	100%
Asian	283	91%	12	4%	16	5%	311	100%
Filipinx	31	82%	5	13%	2	5%	38	100%
Latinx	98	84%	11	9%	7	6%	116	100%
Native American	0	N/A	0	N/A	0	N/A	0	100%
Pacific Islander	5	100%	0	0%	0	0%	5	100%
White	60	82%	5	7%	8	11%	73	100%
Decline to State	13	100%	0	0%	0	0%	13	100%
All	513	88%	36	6%	35	6%	584	100%

	2015-16							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	23	79%	1	3%	5	17%	29	100%
Asian	388	92%	15	4%	17	4%	420	100%
Filipinx	36	77%	8	17%	3	6%	47	100%
Latinx	121	81%	18	12%	10	7%	149	100%
Native American	0	N/A	0	N/A	0	N/A	0	100%
Pacific Islander	4	67%	1	17%	1	17%	6	100%
White	87	91%	5	5%	4	4%	96	100%
Decline to State	22	100%	0	0%	0	0%	22	100%
All	681	89%	48	6%	40	5%	769	100%