

# FHDA Program Review

## Limits:

Physical Sciences/Math/Engin > Meteorology-FD

### Enrollment Trends

Physical Sciences/Math/Engin > Meteorology-FD

	2014-15	2015-16	2016-17	2017-18	2018-19	5-yr %Inc
↗Unduplicated Headcount	680	678	500	615	723	6.3%
↗Census Enrollment	758	769	584	713	814	7.4%
↗Sections	14	13	13	17	16	14.3%
↗WSCH	1,203	1,204	916	1,118	1,264	5.1%
↗FTES (end of term)	80	80	61	74	84	4.8%
↗FTEF (end of term)	1.4	1.4	1.5	1.9	1.8	29.2%
↗Productivity (WSCH/FTEF)	847	846	631	590	690	-18.6%

### Faculty Workload

Physical Sciences/Math/Engin > Meteorology-FD

	2014-15	2015-16	2016-17	2017-18	2018-19	5-yr %Inc
Full Time Load	0.3	0.3	0.5	1.0	1.0	204%
Full Time %	23.5%	17.6%	35.1%	53.8%	55.3%	135%
Overload	0.3	0.3	0.1	0.1	0.2	-38%
Overload %	21.8%	22.9%	4.6%	6.6%	10.5%	-52%
Part Time Load	0.8	0.8	0.9	0.7	0.6	-19%
Part Time %	54.8%	59.5%	60.3%	39.6%	34.2%	-37%
Total FTEF	1.4	1.4	1.5	1.9	1.8	29%

### Course Success

Physical Sciences/Math/Engin > Meteorology-FD

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	629	83%	681	89%	513	88%	627	88%	682	84%
Non Success	82	11%	48	6%	36	6%	26	4%	70	9%
Withdrew	47	6%	40	5%	35	6%	60	8%	62	8%
Total	758	100%	769	100%	584	100%	713	100%	814	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
<b>Success</b>	169	70%	180	80%	152	84%	189	82%	218	76%
<b>Non Success</b>	52	22%	27	12%	19	10%	8	3%	33	11%
<b>Withdrew</b>	20	8%	18	8%	11	6%	34	15%	36	13%
<b>Total</b>	241	100%	225	100%	182	100%	231	100%	287	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
<b>Success</b>	460	89%	501	92%	361	90%	438	91%	464	88%
<b>Non Success</b>	30	6%	21	4%	17	4%	18	4%	37	7%
<b>Withdrew</b>	27	5%	22	4%	24	6%	26	5%	26	5%
<b>Total</b>	517	100%	544	100%	402	100%	482	100%	527	100%

## by Gender

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	380	50%	374	49%	304	52%	337	47%	401	49%
Male	378	50%	395	51%	280	48%	376	53%	413	51%
<b>Total</b>	<b>758</b>	<b>100%</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>

## by Ethnicity

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	32	4%	29	4%	28	5%	22	3%	45	6%
Asian	369	49%	420	55%	311	53%	366	51%	391	48%
Filipinx	47	6%	47	6%	38	7%	69	10%	57	7%
Latinx	162	21%	149	19%	116	20%	140	20%	185	23%
Native American	6	1%	0	0%	0	0%	4	1%	3	0%
Pacific Islander	7	1%	6	1%	5	1%	4	1%	11	1%
White	111	15%	96	12%	73	13%	94	13%	110	14%
Decline to State	24	3%	22	3%	13	2%	14	2%	12	1%
<b>Total</b>	<b>758</b>	<b>100%</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>

## 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	165	22%	142	18%	99	17%	124	17%	195	24%
20-24	474	63%	485	63%	363	62%	454	64%	487	60%
25-39	101	13%	117	15%	112	19%	122	17%	115	14%
40 +	18	2%	25	3%	10	2%	13	2%	17	2%
<b>Total</b>	<b>758</b>	<b>100%</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>

## 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	18	2%	15	2%	7	1%	23	3%	19	2%
Associate	14	2%	16	2%	8	1%	17	2%	7	1%
HS/Equivalent	667	88%	675	88%	531	91%	614	86%	737	91%
All Other	59	8%	63	8%	38	7%	59	8%	51	6%
<b>Total</b>	<b>758</b>	<b>100%</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>

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 > Meteorology-FD

		2018-19							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Female</b>		339	85%	27	7%	35	9%	401	100%
<b>Male</b>		343	83%	43	10%	27	7%	413	100%
<b>All</b>		682	84%	70	9%	62	8%	814	100%

  

		2017-18							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Female</b>		300	89%	15	4%	22	7%	337	100%
<b>Male</b>		327	87%	11	3%	38	10%	376	100%
<b>All</b>		627	88%	26	4%	60	8%	713	100%

  

		2016-17							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Female</b>		259	85%	22	7%	23	8%	304	100%
<b>Male</b>		254	91%	14	5%	12	4%	280	100%
<b>All</b>		513	88%	36	6%	35	6%	584	100%

  

		2015-16							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Female</b>		330	88%	23	6%	21	6%	374	100%
<b>Male</b>		351	89%	25	6%	19	5%	395	100%
<b>All</b>		681	89%	48	6%	40	5%	769	100%

  

		2014-15							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Female</b>		315	83%	42	11%	23	6%	380	100%
<b>Male</b>		314	83%	40	11%	24	6%	378	100%
<b>All</b>		629	83%	82	11%	47	6%	758	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%

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	140	85%	18	11%	7	4%	165	100%
20-24	381	80%	58	12%	35	7%	474	100%
25-39	91	90%	5	5%	5	5%	101	100%
40 +	17	94%	1	6%	0	0%	18	100%
All	629	83%	82	11%	47	6%	758	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%

  

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	21	66%	10	31%	1	3%	32	100%
Asian	335	91%	18	5%	16	4%	369	100%
Filipinx	36	77%	9	19%	2	4%	47	100%
Latinx	112	69%	33	20%	17	10%	162	100%
Native American	5	83%	1	17%	0	0%	6	100%
Pacific Islander	5	71%	1	14%	1	14%	7	100%
White	93	84%	9	8%	9	8%	111	100%
Decline to State	22	92%	1	4%	1	4%	24	100%
All	629	83%	82	11%	47	6%	758	100%