FHDA Program Review

Astronomy-FD

Enrollment Trends

Astronomy-FD

	2013-14	2014-15	2015-16	2016-17	2017-18	5-yr %Inc
Unduplicated Headcount	2,626	2,532	2,452	2,149	1,896	-27.8%
Census Enrollment	2,772	2,667	2,576	2,266	1,990	-28.2%
Sections	29	28	27	27	25	-13.8%
WSCH	4,563	4,406	4,249	3,722	3,262	-28.5%
FTES (end of term)	302	291	280	246	216	-28.5%
FTEF (end of term)	4.5	4.5	4.7	4.1	3.8	-16.0%
Productivity (WSCH/FTEF)	1,020	988	898	900	868	-14.9%

Faculty Workload

Astronomy-FD

	2013-14	2014-15	2015-16	2016-17	2017-18	5-yr %Inc
Full Time Load	2.8	2.5	2.5	1.8	2.1	-26%
Full Time %	62.8%	55.2%	53.0%	44.0%	55.0%	-12%
Overload	0.8	1.2	1.5	0.9	1.1	37%
Overload %	17.4%	27.4%	31.4%	22.8%	28.4%	63%
Part Time Load	0.9	0.8	0.7	1.4	0.6	-30%
Part Time %	19.9%	17.4%	15.6%	33.3%	16.6%	-16%
Total FTEF	4.5	4.5	4.7	4.1	3.8	-16%

Course Success

Astronomy-FD

	2013-14		2014-15		2015-16		2016-17		2017-18	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	2,183	79%	2,130	80%	2,096	81%	1,800	79%	1,632	82%
Non Success	364	13%	359	13%	286	11%	265	12%	230	12%
Withdrew	225	8%	178	7%	194	8%	201	9%	128	6%
Total	2,772	100%	2,667	100%	2,576	100%	2,266	100%	1,990	100%

Course Success by Targeted Ethnic Group
Astronomy-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	687	70%	683	68%	691	74%	622	69%	531	72%
Non Success	190	19%	212	21%	155	17%	156	17%	127	17%
Withdrew	108	11%	103	10%	93	10%	124	14%	82	11%
Total	985	100%	998	100%	939	100%	902	100%	740	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	1,496	84%	1,447	87%	1,405	86%	1,178	86%	1,101	88%
Non Success	174	10%	147	9%	131	8%	109	8%	103	8%
Withdrew	117	7%	75	4%	101	6%	77	6%	46	4%
Total	1,787	100%	1,669	100%	1,637	100%	1,364	100%	1,250	100%

Enrollment Distribution by Student Demographics

Astronomy-FD

by Gender

	2013-14		2014-15		2015-16		2016-17		2017-18	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	1,206	44%	1,138	43%	1,090	42%	1,019	45%	841	42%
Male	1,566	56%	1,529	57%	1,486	58%	1,247	55%	1,149	58%
Total	2,772	100%	2,667	100%	2,576	100%	2,266	100%	1,990	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	94	3%	103	4%	87	3%	94	4%	73	4%
Asian	1,208	44%	1,142	43%	1,156	45%	953	42%	897	45%
Filipino	200	7%	180	7%	190	7%	168	7%	122	6%
Latino/a	691	25%	715	27%	662	26%	640	28%	545	27%
Native American	11	0%	13	0%	9	0%	10	0%	4	0%
Pacific Islander	16	1%	17	1%	28	1%	19	1%	13	1%
White	475	17%	445	17%	391	15%	340	15%	308	15%
Decline to State	77	3%	52	2%	53	2%	42	2%	28	1%
Total	2,772	100%	2,667	100%	2,576	100%	2,266	100%	1,990	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	933	34%	855	32%	799	31%	702	31%	583	29%
20-24	1,480	53%	1,453	54%	1,427	55%	1,281	57%	1,133	57%
25-39	313	11%	301	11%	312	12%	250	11%	235	12%
40 +	46	2%	58	2%	38	1%	33	1%	39	2%
Total	2,772	100%	2,667	100%	2,576	100%	2,266	100%	1,990	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	35	1%	41	2%	39	2%	19	1%	35	2%
Associate	24	1%	30	1%	30	1%	22	1%	13	1%
HS/Equivalent	2,431	88%	2,353	88%	2,279	88%	2,041	90%	1,767	89%
All Other	282	10%	243	9%	228	9%	184	8%	175	9%
Total	2,772	100%	2,667	100%	2,576	100%	2,266	100%	1,990	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
Astronomy-FD

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	699	83%	79	9%	63	7%	841	100%
Male	933	81%	151	13%	65	6%	1,149	100%
All	1,632	82%	230	12%	128	6%	1,990	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	823	81%	105	10%	91	9%	1,019	100%
Male	977	78%	160	13%	110	9%	1,247	100%
All	1,800	79%	265	12%	201	9%	2,266	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	882	81%	128	12%	80	7%	1,090	100%
Male	1,214	82%	158	11%	114	8%	1,486	100%
All	2,096	81%	286	11%	194	8%	2,576	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	926	81%	138	12%	74	7%	1,138	100%
Male	1,204	79%	221	14%	104	7%	1,529	100%
All	2,130	80%	359	13%	178	7%	2,667	100%

2013-14

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	953	79%	162	13%	91	8%	1,206	100%
Male	1,230	79%	202	13%	134	9%	1,566	100%
All	2,183	79%	364	13%	225	8%	2,772	100%

Success Rates by Age
Astronomy-FD

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	512	88%	50	9%	21	4%	583	100%
20-24	901	80%	151	13%	81	7%	1,133	100%
25-39	186	79%	27	11%	22	9%	235	100%
40 +	33	85%	2	5%	4	10%	39	100%
All	1,632	82%	230	12%	128	6%	1,990	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	594	85%	62	9%	46	7%	702	100%
20-24	994	78%	172	13%	115	9%	1,281	100%
25-39	180	72%	31	12%	39	16%	250	100%
40 +	32	97%	0	0%	1	3%	33	100%
All	1,800	79%	265	12%	201	9%	2,266	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	664	83%	87	11%	48	6%	799	100%
20-24	1,153	81%	164	11%	110	8%	1,427	100%
25-39	248	79%	32	10%	32	10%	312	100%
40 +	31	82%	3	8%	4	11%	38	100%
All	2,096	81%	286	11%	194	8%	2,576	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	686	80%	117	14%	52	6%	855	100%
20-24	1,154	79%	207	14%	92	6%	1,453	100%
25-39	242	80%	29	10%	30	10%	301	100%
40 +	48	83%	6	10%	4	7%	58	100%
All	2,130	80%	359	13%	178	7%	2,667	100%

	2013-14							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	783	84%	96	10%	54	6%	933	100%
20-24	1,117	75%	224	15%	139	9%	1,480	100%
25-39	243	78%	41	13%	29	9%	313	100%
40 +	40	87%	3	7%	3	7%	46	100%
All	2,183	79%	364	13%	225	8%	2,772	100%

Success Rates by Ethnicity
Astronomy-FD

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	39	53%	19	26%	15	21%	73	100%
Asian	789	88%	75	8%	33	4%	897	100%
Filipino	94	77%	21	17%	7	6%	122	100%
Latino/a	398	73%	87	16%	60	11%	545	100%
Native American	3	75%	1	25%	0	0%	4	100%
Pacific Islander	10	77%	1	8%	2	15%	13	100%
White	275	89%	22	7%	11	4%	308	100%
Decline to State	24	86%	4	14%	0	0%	28	100%
All	1,632	82%	230	12%	128	6%	1,990	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	59	63%	19	20%	16	17%	94	100%
Asian	824	86%	82	9%	47	5%	953	100%
Filipino	133	79%	18	11%	17	10%	168	100%
Latino/a	430	67%	119	19%	91	14%	640	100%
Native American	8	80%	0	0%	2	20%	10	100%
Pacific Islander	15	79%	2	11%	2	11%	19	100%
White	290	85%	24	7%	26	8%	340	100%
Decline to State	41	98%	1	2%	0	0%	42	100%
All	1,800	79%	265	12%	201	9%	2,266	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	63	72%	19	22%	5	6%	87	100%
Asian	1,009	87%	83	7%	64	6%	1,156	100%
Filipino	148	78%	23	12%	19	10%	190	100%
Latino/a	480	73%	113	17%	69	10%	662	100%
Native American	9	100%	0	0%	0	0%	9	100%
Pacific Islander	18	64%	4	14%	6	21%	28	100%
White	322	82%	40	10%	29	7%	391	100%
Decline to State	47	89%	4	8%	2	4%	53	100%
All	2,096	81%	286	11%	194	8%	2,576	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	64	62%	31	30%	8	8%	103	100%
Asian	1,008	88%	90	8%	44	4%	1,142	100%
Filipino	141	78%	25	14%	14	8%	180	100%
Latino/a	478	67%	156	22%	81	11%	715	100%
Native American	12	92%	1	8%	0	0%	13	100%
Pacific Islander	13	76%	2	12%	2	12%	17	100%
White	367	82%	50	11%	28	6%	445	100%
Decline to State	47	90%	4	8%	1	2%	52	100%
All	2,130	80%	359	13%	178	7%	2,667	100%

2013-14

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	68	72%	15	16%	11	12%	94	100%
Asian	1,030	85%	111	9%	67	6%	1,208	100%
Filipino	159	80%	31	16%	10	5%	200	100%
Latino/a	460	67%	144	21%	87	13%	691	100%
Native American	8	73%	2	18%	1	9%	11	100%
Pacific Islander	11	69%	4	25%	1	6%	16	100%
White	380	80%	52	11%	43	9%	475	100%
Decline to State	67	87%	5	6%	5	6%	77	100%
All	2,183	79%	364	13%	225	8%	2,772	100%