

FHDA Program Review

Limits: **Term Type** Summer Fall Winter Spring Early Summer

Enrollment Trends Astronomy-FD

	2012-13	2013-14	2014-15	2015-16	4-yr %Inc
Unduplicated Headcount	802	805	700	734	-8.5%
Enrollment	1,192	1,220	1,066	1,107	-7.1%
Sections	24	25	25	25	4.2%
WSCH	5,123	5,268	4,610	5,416	5.7%
FTES	114	117	102	120	5.9%
FTEF	2.2	2.3	2.2	2.3	6.2%
Productivity	776	756	712	772	-0.4%

Faculty Workload Astronomy-FD

	2012-13	2013-14	2014-15	2015-16	4-yr %Inc
Full Time Load	0.9	1.0	1.0	0.9	0%
Full Time %	41.4%	42.8%	45.6%	39.0%	-6%
Overload	0.5	0.4	0.2	0.4	-28%
Overload %	23.3%	19.1%	7.2%	15.7%	-32%
Part Time Load	0.8	0.9	1.0	1.1	36%
Part Time %	35.4%	38.1%	47.1%	45.3%	28%
Total FTEF	2.2	2.3	2.2	2.3	6%

Course Success Astronomy-FD

	2012-13		2013-14		2014-15		2015-16	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	936	79%	942	77%	845	79%	879	79%
Non Success	197	17%	192	16%	143	13%	152	14%
Withdrew	59	5%	86	7%	78	7%	76	7%
Total	1,192	100%	1,220	100%	1,066	100%	1,107	100%

Course Success by Targeted Ethnic Group
Astronomy-FD

Course Success for Targeted Groups

	2012-13		2013-14		2014-15		2015-16	
	Grades	Percent	Grades	Percent	Grades	Percent		
Success	305	72%	294	70%	240	74%	249	71%
Non Success	95	22%	89	21%	60	18%	74	21%
Withdrew	25	6%	39	9%	26	8%	28	8%
Total	425	100%	422	100%	326	100%	351	100%

Course Success for Not Targeted Groups

	2012-13		2013-14		2014-15		2015-16	
	Grades	Percent	Grades	Percent	Grades	Percent		
Success	631	82%	648	81%	605	82%	630	83%
Non Success	102	13%	103	13%	83	11%	78	10%
Withdrew	34	4%	47	6%	52	7%	48	6%
Total	767	100%	798	100%	740	100%	756	100%

Enrollment Distribution by Student Demographics
Astronomy-FD

by Gender

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	543	46%	531	44%	457	43%	516	47%
Male	649	54%	689	56%	609	57%	591	53%
Total	1,192	100%	1,220	100%	1,066	100%	1,107	100%

by Ethnicity

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	94	8%	68	6%	35	3%	35	3%
Asian	236	20%	250	20%	242	23%	223	20%
Filipino	39	3%	48	4%	54	5%	44	4%
Latino/a	292	24%	306	25%	237	22%	272	25%
Native American	19	2%	8	1%	8	1%	8	1%
Pacific Islander	17	1%	16	1%	19	2%	15	1%
White	444	37%	440	36%	356	33%	400	36%
Decline to State	51	4%	84	7%	115	11%	110	10%
Total	1,192	100%	1,220	100%	1,066	100%	1,107	100%

by Age

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
19 or less	305	26%	299	25%	321	30%	293	26%
20-24	664	56%	710	58%	542	51%	605	55%
25-39	163	14%	158	13%	148	14%	159	14%
40 +	60	5%	53	4%	55	5%	50	5%
Total	1,192	100%	1,220	100%	1,066	100%	1,107	100%

by Education Level

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Bachelor or higher	29	2%	30	2%	33	3%	29	3%
Associate	19	2%	17	1%	6	1%	14	1%
HS/Equivalent	981	82%	987	81%	920	86%	965	87%
All Other	163	14%	186	15%	107	10%	99	9%
Total	1,192	100%	1,220	100%	1,066	100%	1,107	100%

Success Rates by Gender
Astronomy-FD

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	403	78%	69	13%	44	9%	516	100%
Male	476	81%	83	14%	32	5%	591	100%
All	879	79%	152	14%	76	7%	1,107	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	370	81%	54	12%	33	7%	457	100%
Male	475	78%	89	15%	45	7%	609	100%
All	845	79%	143	13%	78	7%	1,066	100%

2013-14

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	405	76%	75	14%	51	10%	531	100%
Male	537	78%	117	17%	35	5%	689	100%
All	942	77%	192	16%	86	7%	1,220	100%

2012-13

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	440	81%	85	16%	18	3%	543	100%
Male	496	76%	112	17%	41	6%	649	100%
All	936	79%	197	17%	59	5%	1,192	100%

Success Rates by Age
Astronomy-FD

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	246	84%	33	11%	14	5%	293	100%
20-24	468	77%	97	16%	40	7%	605	100%
25-39	122	77%	22	14%	15	9%	159	100%
40 +	43	86%	0	0%	7	14%	50	100%
All	879	79%	152	14%	76	7%	1,107	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	268	83%	38	12%	15	5%	321	100%
20-24	414	76%	83	15%	45	8%	542	100%
25-39	114	77%	20	14%	14	9%	148	100%
40 +	49	89%	2	4%	4	7%	55	100%
All	845	79%	143	13%	78	7%	1,066	100%

2013-14

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	229	77%	50	17%	20	7%	299	100%
20-24	540	76%	126	18%	44	6%	710	100%
25-39	129	82%	14	9%	15	9%	158	100%
40 +	44	83%	2	4%	7	13%	53	100%
All	942	77%	192	16%	86	7%	1,220	100%

2012-13

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	258	85%	40	13%	7	2%	305	100%
20-24	497	75%	132	20%	35	5%	664	100%
25-39	129	79%	20	12%	14	9%	163	100%
40 +	52	87%	5	8%	3	5%	60	100%
All	936	79%	197	17%	59	5%	1,192	100%

Success Rates by Ethnicity
Astronomy-FD

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	15	43%	13	37%	7	20%	35	100%
Asian	192	86%	22	10%	9	4%	223	100%
Filipino	36	82%	8	18%	0	0%	44	100%
Latino/a	198	73%	53	19%	21	8%	272	100%
Native American	8	100%	0	0%	0	0%	8	100%
Pacific Islander	12	80%	1	7%	2	13%	15	100%
White	321	80%	42	11%	37	9%	400	100%
Decline to State	97	88%	13	12%	0	0%	110	100%
All	879	79%	152	14%	76	7%	1,107	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	28	80%	6	17%	1	3%	35	100%
Asian	190	79%	32	13%	20	8%	242	100%
Filipino	45	83%	6	11%	3	6%	54	100%
Latino/a	167	70%	48	20%	22	9%	237	100%
Native American	6	75%	1	13%	1	13%	8	100%
Pacific Islander	10	53%	9	47%	0	0%	19	100%
White	303	85%	23	6%	30	8%	356	100%
Decline to State	96	83%	18	16%	1	1%	115	100%
All	845	79%	143	13%	78	7%	1,066	100%

2013-14

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	45	66%	16	24%	7	10%	68	100%
Asian	206	82%	27	11%	17	7%	250	100%
Filipino	32	67%	8	17%	8	17%	48	100%
Latino/a	217	71%	65	21%	24	8%	306	100%
Native American	7	88%	1	13%	0	0%	8	100%
Pacific Islander	11	69%	4	25%	1	6%	16	100%
White	355	81%	57	13%	28	6%	440	100%
Decline to State	69	82%	14	17%	1	1%	84	100%
All	942	77%	192	16%	86	7%	1,220	100%

2012-13

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	64	68%	23	24%	7	7%	94	100%
Asian	197	83%	31	13%	8	3%	236	100%
Filipino	24	62%	11	28%	4	10%	39	100%
Latino/a	217	74%	61	21%	14	5%	292	100%
Native American	17	89%	1	5%	1	5%	19	100%
Pacific Islander	8	47%	7	41%	2	12%	17	100%
White	365	82%	57	13%	22	5%	444	100%
Decline to State	44	86%	6	12%	1	2%	51	100%
All	936	79%	197	17%	59	5%	1,192	100%