

FHDA Program Review

Chemistry-FD

Enrollment Trends

Chemistry-FD

	2013-14	2014-15	2015-16	2016-17	2017-18	5-yr %Inc
✔ Unduplicated Headcount	1,866	1,874	1,832	1,869	1,870	0.2%
✔ Census Enrollment	2,848	2,817	2,846	2,893	2,886	1.3%
✔ Sections	112	107	105	110	105	-6.3%
✔ WSCH	7,768	7,727	7,817	7,909	7,899	1.7%
✔ FTES (end of term)	523	521	527	532	531	1.6%
✔ FTEF (end of term)	15.5	15.4	15.7	15.9	15.8	1.6%
✔ Productivity (WSCH/FTEF)	501	501	499	498	501	0.0%

Faculty Workload

Chemistry-FD

	2013-14	2014-15	2015-16	2016-17	2017-18	5-yr %Inc
Full Time Load	4.9	4.3	5.8	4.7	3.9	-20%
Full Time %	31.9%	27.8%	37.0%	29.8%	25.0%	-22%
Overload	3.5	2.4	3.4	3.3	1.8	-47%
Overload %	22.6%	15.3%	21.7%	20.8%	11.7%	-48%
Part Time Load	7.1	8.8	6.5	7.8	10.0	41%
Part Time %	45.5%	56.9%	41.3%	49.5%	63.3%	39%
Total FTEF	15.5	15.4	15.7	15.9	15.8	2%

Course Success

Chemistry-FD

	2013-14		2014-15		2015-16		2016-17		2017-18	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	2,172	76%	2,240	80%	2,283	80%	2,245	78%	2,194	76%
Non Success	349	12%	314	11%	303	11%	312	11%	333	12%
Withdrew	327	11%	263	9%	260	9%	336	12%	359	12%
Total	2,848	100%	2,817	100%	2,846	100%	2,893	100%	2,886	100%

Course Success by Targeted Ethnic Group
Chemistry-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	468	66%	459	68%	547	72%	553	66%	552	64%
Non Success	128	18%	117	17%	115	15%	147	17%	142	17%
Withdrew	117	16%	101	15%	93	12%	141	17%	164	19%
Total	713	100%	677	100%	755	100%	841	100%	858	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	1,704	80%	1,781	83%	1,736	83%	1,692	82%	1,642	81%
Non Success	221	10%	197	9%	188	9%	165	8%	191	9%
Withdrew	210	10%	162	8%	167	8%	195	10%	195	10%
Total	2,135	100%	2,140	100%	2,091	100%	2,052	100%	2,028	100%

Enrollment Distribution by Student Demographics
Chemistry-FD

by Gender

	2013-14		2014-15		2015-16		2016-17		2017-18	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	1,384	49%	1,396	50%	1,408	49%	1,508	52%	1,578	55%
Male	1,464	51%	1,421	50%	1,438	51%	1,385	48%	1,308	45%
Total	2,848	100%	2,817	100%	2,846	100%	2,893	100%	2,886	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	80	3%	63	2%	84	3%	96	3%	73	3%
Asian	1,616	57%	1,660	59%	1,626	57%	1,584	55%	1,503	52%
Filipino	205	7%	239	8%	246	9%	244	8%	193	7%
Latino/a	428	15%	375	13%	425	15%	501	17%	592	21%
Native American	6	0%	9	0%	5	0%	8	0%	7	0%
Pacific Islander	15	1%	15	1%	13	0%	5	0%	12	0%
White	444	16%	410	15%	395	14%	409	14%	478	17%
Decline to State	54	2%	46	2%	52	2%	46	2%	28	1%
Total	2,848	100%	2,817	100%	2,846	100%	2,893	100%	2,886	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	664	23%	766	27%	739	26%	592	20%	659	23%
20-24	1,751	61%	1,682	60%	1,765	62%	1,919	66%	1,785	62%
25-39	383	13%	334	12%	326	11%	351	12%	405	14%
40 +	50	2%	35	1%	16	1%	31	1%	37	1%
Total	2,848	100%	2,817	100%	2,846	100%	2,893	100%	2,886	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	108	4%	90	3%	51	2%	89	3%	85	3%
Associate	43	2%	47	2%	44	2%	50	2%	72	2%
HS/Equivalent	2,520	88%	2,533	90%	2,570	90%	2,585	89%	2,552	88%
All Other	177	6%	147	5%	181	6%	169	6%	177	6%
Total	2,848	100%	2,817	100%	2,846	100%	2,893	100%	2,886	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
Chemistry-FD

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,222	77%	179	11%	177	11%	1,578	100%
Male	972	74%	154	12%	182	14%	1,308	100%
All	2,194	76%	333	12%	359	12%	2,886	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,137	75%	175	12%	196	13%	1,508	100%
Male	1,108	80%	137	10%	140	10%	1,385	100%
All	2,245	78%	312	11%	336	12%	2,893	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,127	80%	167	12%	114	8%	1,408	100%
Male	1,156	80%	136	9%	146	10%	1,438	100%
All	2,283	80%	303	11%	260	9%	2,846	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,120	80%	153	11%	123	9%	1,396	100%
Male	1,120	79%	161	11%	140	10%	1,421	100%
All	2,240	80%	314	11%	263	9%	2,817	100%

2013-14

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,069	77%	173	13%	142	10%	1,384	100%
Male	1,103	75%	176	12%	185	13%	1,464	100%
All	2,172	76%	349	12%	327	11%	2,848	100%

Success Rates by Age
Chemistry-FD

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	546	83%	60	9%	53	8%	659	100%
20-24	1,338	75%	225	13%	222	12%	1,785	100%
25-39	280	69%	45	11%	80	20%	405	100%
40 +	30	81%	3	8%	4	11%	37	100%
All	2,194	76%	333	12%	359	12%	2,886	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	498	84%	54	9%	40	7%	592	100%
20-24	1,457	76%	217	11%	245	13%	1,919	100%
25-39	267	76%	40	11%	44	13%	351	100%
40 +	23	74%	1	3%	7	23%	31	100%
All	2,245	78%	312	11%	336	12%	2,893	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	627	85%	66	9%	46	6%	739	100%
20-24	1,391	79%	198	11%	176	10%	1,765	100%
25-39	253	78%	38	12%	35	11%	326	100%
40 +	12	75%	1	6%	3	19%	16	100%
All	2,283	80%	303	11%	260	9%	2,846	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	656	86%	60	8%	50	7%	766	100%
20-24	1,297	77%	216	13%	169	10%	1,682	100%
25-39	258	77%	35	10%	41	12%	334	100%
40 +	29	83%	3	9%	3	9%	35	100%
All	2,240	80%	314	11%	263	9%	2,817	100%

2013-14

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	553	83%	68	10%	43	6%	664	100%
20-24	1,304	74%	234	13%	213	12%	1,751	100%
25-39	276	72%	43	11%	64	17%	383	100%
40 +	39	78%	4	8%	7	14%	50	100%
All	2,172	76%	349	12%	327	11%	2,848	100%

Success Rates by Ethnicity
Chemistry-FD

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	52	71%	12	16%	9	12%	73	100%
Asian	1,232	82%	143	10%	128	9%	1,503	100%
Filipino	152	79%	17	9%	24	12%	193	100%
Latino/a	348	59%	113	19%	131	22%	592	100%
Native American	4	57%	2	29%	1	14%	7	100%
Pacific Islander	8	67%	1	8%	3	25%	12	100%
White	375	78%	43	9%	60	13%	478	100%
Decline to State	23	82%	2	7%	3	11%	28	100%
All	2,194	76%	333	12%	359	12%	2,886	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	66	69%	17	18%	13	14%	96	100%
Asian	1,309	83%	139	9%	136	9%	1,584	100%
Filipino	174	71%	41	17%	29	12%	244	100%
Latino/a	313	62%	89	18%	99	20%	501	100%
Native American	7	88%	1	13%	0	0%	8	100%
Pacific Islander	3	60%	1	20%	1	20%	5	100%
White	332	81%	22	5%	55	13%	409	100%
Decline to State	41	89%	2	4%	3	7%	46	100%
All	2,245	78%	312	11%	336	12%	2,893	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	60	71%	16	19%	8	10%	84	100%
Asian	1,350	83%	150	9%	126	8%	1,626	100%
Filipino	185	75%	28	11%	33	13%	246	100%
Latino/a	302	71%	71	17%	52	12%	425	100%
Native American	5	100%	0	0%	0	0%	5	100%
Pacific Islander	7	54%	3	23%	3	23%	13	100%
White	330	84%	31	8%	34	9%	395	100%
Decline to State	44	85%	4	8%	4	8%	52	100%
All	2,283	80%	303	11%	260	9%	2,846	100%

2014-15

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	39	62%	14	22%	10	16%	63	100%
Asian	1,386	83%	153	9%	121	7%	1,660	100%
Filipino	185	77%	24	10%	30	13%	239	100%
Latino/a	235	63%	79	21%	61	16%	375	100%
Native American	6	67%	2	22%	1	11%	9	100%
Pacific Islander	14	93%	0	0%	1	7%	15	100%
White	341	83%	35	9%	34	8%	410	100%
Decline to State	34	74%	7	15%	5	11%	46	100%
All	2,240	80%	314	11%	263	9%	2,817	100%

2013-14

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	49	61%	15	19%	16	20%	80	100%
Asian	1,302	81%	162	10%	152	9%	1,616	100%
Filipino	155	76%	31	15%	19	9%	205	100%
Latino/a	264	62%	82	19%	82	19%	428	100%
Native American	4	67%	2	33%	0	0%	6	100%
Pacific Islander	13	87%	1	7%	1	7%	15	100%
White	341	77%	50	11%	53	12%	444	100%
Decline to State	44	81%	6	11%	4	7%	54	100%
All	2,172	76%	349	12%	327	11%	2,848	100%