

FHDA Program Review

Physical Sciences/Math/Engin > Chemistry-FD

Enrollment Trends

Physical Sciences/Math/Engin > Chemistry-FD

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
↗Unduplicated Headcount	1,832	1,869	1,870	1,980	2,081	13.6%
↗Census Enrollment	2,846	2,893	2,886	3,023	3,219	13.1%
↗Sections	105	110	105	113	119	13.3%
↗WSCH	7,817	7,909	7,899	8,246	9,283	18.8%
↗FTEs (end of term)	527	532	531	555	621	17.9%
↗FTEF (end of term)	15.7	15.9	15.8	16.5	17.2	9.8%
↗Productivity (WSCH/FTEF)	499	498	501	501	540	8.2%

Faculty Workload

Physical Sciences/Math/Engin > Chemistry-FD

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
Full Time Load	5.8	4.7	3.9	5.4	5.4	-7%
Full Time %	37.0%	29.8%	25.0%	32.7%	31.4%	-15%
Overload	3.4	3.3	1.8	2.1	2.6	-24%
Overload %	21.7%	20.8%	11.7%	12.7%	15.1%	-30%
Part Time Load	6.5	7.8	10.0	9.0	9.2	42%
Part Time %	41.3%	49.5%	63.3%	54.6%	53.5%	30%
Total FTEF	15.7	15.9	15.8	16.5	17.2	10%

Course Success

Physical Sciences/Math/Engin > Chemistry-FD

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	2,283	80%	2,245	78%	2,194	76%	2,301	76%	2,608	81%
Non Success	303	11%	312	11%	333	12%	370	12%	232	7%
Withdrew	260	9%	336	12%	359	12%	349	12%	379	12%
Total	2,846	100%	2,893	100%	2,886	100%	3,020	100%	3,219	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
Success	547	72%	553	66%	552	64%	508	59%	609	68%
Non Success	115	15%	147	17%	142	17%	169	20%	109	12%
Withdrew	93	12%	141	17%	164	19%	180	21%	180	20%
Total	755	100%	841	100%	858	100%	857	100%	898	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
Success	1,736	83%	1,692	82%	1,642	81%	1,793	83%	1,999	86%
Non Success	188	9%	165	8%	191	9%	201	9%	123	5%
Withdrew	167	8%	195	10%	195	10%	169	8%	199	9%
Total	2,091	100%	2,052	100%	2,028	100%	2,163	100%	2,321	100%

by Gender

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	1,393	49%	1,489	51%	1,559	54%	1,700	56%	1,727	54%
Male	1,438	51%	1,385	48%	1,308	45%	1,306	43%	1,466	46%
Non-Binary	0	0%	0	0%	0	0%	3	0%	2	0%
Not Reported	15	1%	19	1%	19	1%	14	0%	24	1%
Total	2,846	100%	2,893	100%	2,886	100%	3,023	100%	3,219	100%

by Ethnicity

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	84	3%	96	3%	73	3%	67	2%	85	3%
Asian	1,626	57%	1,584	55%	1,503	52%	1,616	53%	1,784	55%
Filipinx	246	9%	244	8%	193	7%	232	8%	239	7%
Latinx	425	15%	501	17%	592	21%	559	18%	574	18%
Native American	5	0%	8	0%	7	0%	6	0%	5	0%
Pacific Islander	13	0%	5	0%	12	0%	8	0%	13	0%
White	395	14%	409	14%	478	17%	505	17%	487	15%
Decline to State	52	2%	46	2%	28	1%	30	1%	32	1%
Total	2,846	100%	2,893	100%	2,886	100%	3,023	100%	3,219	100%

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	739	26%	592	20%	659	23%	954	32%	1,029	32%
20-24	1,765	62%	1,919	66%	1,785	62%	1,627	54%	1,698	53%
25-39	326	11%	351	12%	405	14%	417	14%	455	14%
40 +	16	1%	31	1%	37	1%	25	1%	37	1%
Total	2,846	100%	2,893	100%	2,886	100%	3,023	100%	3,219	100%

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	51	2%	89	3%	85	3%	119	4%	153	5%
Associate	44	2%	50	2%	72	2%	56	2%	69	2%
HS/Equivalent	2,570	90%	2,585	89%	2,552	88%	2,664	88%	2,798	87%
All Other	181	6%	169	6%	177	6%	184	6%	199	6%
Total	2,846	100%	2,893	100%	2,886	100%	3,023	100%	3,219	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.

2019-20									
	Success		Non Success		Withdrew		Total		
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
Female	1,388	80%	129	7%	210	12%	1,727	100%	
Male	1,197	82%	102	7%	167	11%	1,466	100%	
Non-Binary	1	50%	0	0%	1	50%	2	100%	
Not Reported	22	92%	1	4%	1	4%	24	100%	
All	2,608	81%	232	7%	379	12%	3,219	100%	

2018-19									
	Success		Non Success		Withdrew		Total		
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
Female	1,292	76%	207	12%	200	12%	1,699	100%	
Male	995	76%	161	12%	148	11%	1,304	100%	
Non-Binary	2	67%	1	33%	0	0%	3	100%	
Not Reported	12	86%	1	7%	1	7%	14	100%	
All	2,301	76%	370	12%	349	12%	3,020	100%	

2017-18									
	Success		Non Success		Withdrew		Total		
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
Female	1,207	77%	177	11%	175	11%	1,559	100%	
Male	972	74%	154	12%	182	14%	1,308	100%	
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%	
Not Reported	15	79%	2	11%	2	11%	19	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	1,124	75%	170	11%	195	13%	1,489	100%	
Male	1,108	80%	137	10%	140	10%	1,385	100%	
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%	
Not Reported	13	68%	5	26%	1	5%	19	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	1,112	80%	167	12%	114	8%	1,393	100%	
Male	1,156	80%	136	9%	146	10%	1,438	100%	
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%	
Not Reported	15	100%	0	0%	0	0%	15	100%	
All	2,283	80%	303	11%	260	9%	2,846	100%	

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	888	86%	53	5%	88	9%	1,029	100%
20-24	1,340	79%	146	9%	212	12%	1,698	100%
25-39	350	77%	32	7%	73	16%	455	100%
40 +	30	81%	1	3%	6	16%	37	100%
All	2,608	81%	232	7%	379	12%	3,219	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	781	82%	85	9%	87	9%	953	100%
20-24	1,216	75%	228	14%	181	11%	1,625	100%
25-39	286	69%	55	13%	76	18%	417	100%
40 +	18	72%	2	8%	5	20%	25	100%
All	2,301	76%	370	12%	349	12%	3,020	100%

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%

	2019-20							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	65	76%	10	12%	10	12%	85	100%
Asian	1,559	87%	90	5%	135	8%	1,784	100%
Filipinx	188	79%	17	7%	34	14%	239	100%
Latinx	356	62%	82	14%	136	24%	574	100%
Native American	2	40%	1	20%	2	40%	5	100%
Pacific Islander	8	62%	3	23%	2	15%	13	100%
White	402	83%	27	6%	58	12%	487	100%
Decline to State	28	88%	2	6%	2	6%	32	100%
All	2,608	81%	232	7%	379	12%	3,219	100%

	2018-19							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	36	54%	15	22%	16	24%	67	100%
Asian	1,365	85%	133	8%	116	7%	1,614	100%
Filipinx	164	71%	32	14%	36	16%	232	100%
Latinx	308	55%	122	22%	128	23%	558	100%
Native American	5	83%	1	17%	0	0%	6	100%
Pacific Islander	1	13%	6	75%	1	13%	8	100%
White	397	79%	58	11%	50	10%	505	100%
Decline to State	25	83%	3	10%	2	7%	30	100%
All	2,301	76%	370	12%	349	12%	3,020	100%

	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%
Filipinx	152	79%	17	9%	24	12%	193	100%
Latinx	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%
Filipinx	174	71%	41	17%	29	12%	244	100%
Latinx	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%
Filipinx	185	75%	28	11%	33	13%	246	100%
Latinx	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%