

FHDA Program Review

Physical Sciences/Math/Engin > Geology-FD

Enrollment Trends

Physical Sciences/Math/Engin > Geology-FD

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
↗Unduplicated Headcount	624	555	483	454	472	-24.4%
↗Census Enrollment	632	562	495	467	484	-23.4%
↗Sections	22	21	20	16	17	-22.7%
↗WSCH	1,216	1,085	915	830	860	-29.3%
↗FTEs (end of term)	83	74	62	57	58	-29.6%
↗FTEF (end of term)	2.3	2.2	2.2	1.7	1.7	-24.3%
↗Productivity (WSCH/FTEF)	530	497	411	488	495	-6.6%

Faculty Workload

Physical Sciences/Math/Engin > Geology-FD

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
Full Time Load	1.3	1.2	1.2	1.2	1.2	-7%
Full Time %	57.3%	55.1%	56.0%	71.1%	70.7%	23%
Overload	0.5	0.5	1.0	0.5	0.5	-1%
Overload %	22.3%	23.4%	44.0%	28.9%	29.3%	31%
Part Time Load	0.5	0.5	0.0	0.0	0.0	-100%
Part Time %	20.4%	21.4%	0.0%	0.0%	0.0%	-100%
Total FTEF	2.3	2.2	2.2	1.7	1.7	-24%

Course Success

Physical Sciences/Math/Engin > Geology-FD

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	481	76%	433	77%	388	78%	375	80%	374	77%
Non Success	83	13%	56	10%	59	12%	49	10%	54	11%
Withdrew	68	11%	73	13%	48	10%	43	9%	56	12%
Total	632	100%	562	100%	495	100%	467	100%	484	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	168	69%	160	67%	148	72%	142	73%	154	74%
Non Success	38	16%	37	15%	33	16%	28	14%	29	14%
Withdrew	37	15%	43	18%	24	12%	25	13%	26	12%
Total	243	100%	240	100%	205	100%	195	100%	209	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	313	80%	273	85%	240	83%	233	86%	220	80%
Non Success	45	12%	19	6%	26	9%	21	8%	25	9%
Withdrew	31	8%	30	9%	24	8%	18	7%	30	11%
Total	389	100%	322	100%	290	100%	272	100%	275	100%

by Gender

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	315	50%	251	45%	240	48%	213	46%	242	50%
Male	312	49%	306	54%	252	51%	249	53%	234	48%
Not Reported	5	1%	5	1%	3	1%	5	1%	8	2%
Total	632	100%	562	100%	495	100%	467	100%	484	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	24	4%	30	5%	29	6%	21	4%	30	6%
Asian	208	33%	175	31%	165	33%	148	32%	132	27%
Filipinx	34	5%	38	7%	37	7%	33	7%	40	8%
Latinx	185	29%	172	31%	139	28%	141	30%	139	29%
Native American	2	0%	3	1%	5	1%	3	1%	1	0%
Pacific Islander	6	1%	3	1%	2	0%	6	1%	9	2%
White	164	26%	134	24%	114	23%	110	24%	122	25%
Decline to State	9	1%	7	1%	4	1%	5	1%	11	2%
Total	632	100%	562	100%	495	100%	467	100%	484	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	151	24%	107	19%	79	16%	92	20%	128	26%
20-24	344	54%	341	61%	302	61%	274	59%	258	53%
25-39	124	20%	96	17%	100	20%	91	19%	80	17%
40 +	13	2%	18	3%	14	3%	10	2%	18	4%
Total	632	100%	562	100%	495	100%	467	100%	484	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	8	1%	10	2%	18	4%	8	2%	7	1%
Associate	14	2%	11	2%	10	2%	10	2%	8	2%
HS/Equivalent	577	91%	507	90%	434	88%	422	90%	451	93%
All Other	33	5%	34	6%	33	7%	27	6%	18	4%
Total	632	100%	562	100%	495	100%	467	100%	484	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	186	77%	27	11%	29	12%	242	100%
Male	183	78%	25	11%	26	11%	234	100%
Not Reported	5	63%	2	25%	1	13%	8	100%
All	374	77%	54	11%	56	12%	484	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	168	79%	24	11%	21	10%	213	100%
Male	203	82%	24	10%	22	9%	249	100%
Not Reported	4	80%	1	20%	0	0%	5	100%
All	375	80%	49	10%	43	9%	467	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	185	77%	29	12%	26	11%	240	100%
Male	200	79%	30	12%	22	9%	252	100%
Not Reported	3	100%	0	0%	0	0%	3	100%
All	388	78%	59	12%	48	10%	495	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	198	79%	19	8%	34	14%	251	100%
Male	230	75%	37	12%	39	13%	306	100%
Not Reported	5	100%	0	0%	0	0%	5	100%
All	433	77%	56	10%	73	13%	562	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	230	73%	41	13%	44	14%	315	100%
Male	248	79%	41	13%	23	7%	312	100%
Not Reported	3	60%	1	20%	1	20%	5	100%
All	481	76%	83	13%	68	11%	632	100%

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	101	79%	14	11%	13	10%	128	100%
20-24	194	75%	29	11%	35	14%	258	100%
25-39	63	79%	11	14%	6	8%	80	100%
40 +	16	89%	0	0%	2	11%	18	100%
All	374	77%	54	11%	56	12%	484	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	79	86%	7	8%	6	7%	92	100%
20-24	220	80%	31	11%	23	8%	274	100%
25-39	68	75%	10	11%	13	14%	91	100%
40 +	8	80%	1	10%	1	10%	10	100%
All	375	80%	49	10%	43	9%	467	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	63	80%	7	9%	9	11%	79	100%
20-24	238	79%	39	13%	25	8%	302	100%
25-39	75	75%	13	13%	12	12%	100	100%
40 +	12	86%	0	0%	2	14%	14	100%
All	388	78%	59	12%	48	10%	495	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	92	86%	8	7%	7	7%	107	100%
20-24	261	77%	35	10%	45	13%	341	100%
25-39	66	69%	12	13%	18	19%	96	100%
40 +	14	78%	1	6%	3	17%	18	100%
All	433	77%	56	10%	73	13%	562	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	126	83%	12	8%	13	9%	151	100%
20-24	252	73%	53	15%	39	11%	344	100%
25-39	95	77%	15	12%	14	11%	124	100%
40 +	8	62%	3	23%	2	15%	13	100%
All	481	76%	83	13%	68	11%	632	100%

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	21	70%	5	17%	4	13%	30	100%
Asian	103	78%	8	6%	21	16%	132	100%
Filipinx	30	75%	5	13%	5	13%	40	100%
Latinx	103	74%	19	14%	17	12%	139	100%
Native American	0	0%	1	100%	0	0%	1	100%
Pacific Islander	5	56%	3	33%	1	11%	9	100%
White	103	84%	12	10%	7	6%	122	100%
Decline to State	9	82%	1	9%	1	9%	11	100%
All	374	77%	54	11%	56	12%	484	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	12	57%	6	29%	3	14%	21	100%
Asian	128	86%	12	8%	8	5%	148	100%
Filipinx	23	70%	6	18%	4	12%	33	100%
Latinx	107	76%	16	11%	18	13%	141	100%
Native American	2	67%	1	33%	0	0%	3	100%
Pacific Islander	4	67%	2	33%	0	0%	6	100%
White	95	86%	6	5%	9	8%	110	100%
Decline to State	4	80%	0	0%	1	20%	5	100%
All	375	80%	49	10%	43	9%	467	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	21	72%	3	10%	5	17%	29	100%
Asian	137	83%	17	10%	11	7%	165	100%
Filipinx	31	84%	2	5%	4	11%	37	100%
Latinx	96	69%	28	20%	15	11%	139	100%
Native American	3	60%	1	20%	1	20%	5	100%
Pacific Islander	1	50%	1	50%	0	0%	2	100%
White	95	83%	7	6%	12	11%	114	100%
Decline to State	4	100%	0	0%	0	0%	4	100%
All	388	78%	59	12%	48	10%	495	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	18	60%	3	10%	9	30%	30	100%
Asian	148	85%	7	4%	20	11%	175	100%
Filipinx	31	82%	6	16%	1	3%	38	100%
Latinx	111	65%	28	16%	33	19%	172	100%
Native American	3	100%	0	0%	0	0%	3	100%
Pacific Islander	3	100%	0	0%	0	0%	3	100%
White	113	84%	11	8%	10	7%	134	100%
Decline to State	6	86%	1	14%	0	0%	7	100%
All	433	77%	56	10%	73	13%	562	100%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	18	75%	3	13%	3	13%	24	100%
Asian	172	83%	25	12%	11	5%	208	100%
Filipinx	22	65%	8	24%	4	12%	34	100%
Latinx	128	69%	27	15%	30	16%	185	100%
Native American	1	50%	1	50%	0	0%	2	100%
Pacific Islander	4	67%	1	17%	1	17%	6	100%
White	130	79%	17	10%	17	10%	164	100%
Decline to State	6	67%	1	11%	2	22%	9	100%
All	481	76%	83	13%	68	11%	632	100%