

FHDA Program Review

Limits:

Physical Sciences/Math/Engin > Geology-FD

Enrollment Trends

Physical Sciences/Math/Engin > Geology-FD

	2014-15	2015-16	2016-17	2017-18	2018-19	5-yr %Inc
↗Unduplicated Headcount	532	624	555	483	454	-14.7%
↗Census Enrollment	545	632	562	495	467	-14.3%
↗Sections	19	22	21	20	16	-15.8%
↗WSCH	1,055	1,216	1,085	915	830	-21.4%
↗FTEF (end of term)	72	83	74	62	57	-21.4%
↗FTEF (end of term)	2.0	2.3	2.2	2.2	1.7	-15.8%
↗Productivity (WSCH/FTEF)	522	530	497	411	488	-6.6%

Faculty Workload

Physical Sciences/Math/Engin > Geology-FD

	2014-15	2015-16	2016-17	2017-18	2018-19	5-yr %Inc
Full Time Load	1.2	1.3	1.2	1.2	1.2	-3%
Full Time %	61.4%	57.3%	55.1%	56.0%	71.1%	16%
Overload	0.5	0.5	0.5	1.0	0.5	5%
Overload %	23.3%	22.3%	23.4%	44.0%	28.9%	24%
Part Time Load	0.3	0.5	0.5	0.0	0.0	-100%
Part Time %	15.3%	20.4%	21.4%	0.0%	0.0%	-100%
Total FTEF	2.0	2.3	2.2	2.2	1.7	-16%

Course Success

Physical Sciences/Math/Engin > Geology-FD

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	434	80%	481	76%	433	77%	388	78%	375	80%
Non Success	57	10%	83	13%	56	10%	59	12%	49	10%
Withdrew	54	10%	68	11%	73	13%	48	10%	43	9%
Total	545	100%	632	100%	562	100%	495	100%	467	100%

Course Success for Targeted Groups

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	154	73%	168	69%	160	67%	148	72%	142	73%
Non Success	34	16%	38	16%	37	15%	33	16%	28	14%
Withdrew	23	11%	37	15%	43	18%	24	12%	25	13%
Total	211	100%	243	100%	240	100%	205	100%	195	100%

Course Success for Non Targeted Groups

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	280	84%	313	80%	273	85%	240	83%	233	86%
Non Success	23	7%	45	12%	19	6%	26	9%	21	8%
Withdrew	31	9%	31	8%	30	9%	24	8%	18	7%
Total	334	100%	389	100%	322	100%	290	100%	272	100%

by Gender

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	223	41%	320	51%	256	46%	243	49%	218	47%
Male	322	59%	312	49%	306	54%	252	51%	249	53%
Total	545	100%	632	100%	562	100%	495	100%	467	100%

by Ethnicity

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	30	6%	24	4%	30	5%	29	6%	21	4%
Asian	187	34%	208	33%	175	31%	165	33%	148	32%
Filipinx	46	8%	34	5%	38	7%	37	7%	33	7%
Latinx	135	25%	185	29%	172	31%	139	28%	141	30%
Native American	5	1%	2	0%	3	1%	5	1%	3	1%
Pacific Islander	4	1%	6	1%	3	1%	2	0%	6	1%
White	135	25%	164	26%	134	24%	114	23%	110	24%
Decline to State	3	1%	9	1%	7	1%	4	1%	5	1%
Total	545	100%	632	100%	562	100%	495	100%	467	100%

by Age

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
19 or less	133	24%	151	24%	107	19%	79	16%	92	20%
20-24	304	56%	344	54%	341	61%	302	61%	274	59%
25-39	90	17%	124	20%	96	17%	100	20%	91	19%
40 +	18	3%	13	2%	18	3%	14	3%	10	2%
Total	545	100%	632	100%	562	100%	495	100%	467	100%

by Education Level

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Bachelor or higher	11	2%	8	1%	10	2%	18	4%	8	2%
Associate	9	2%	14	2%	11	2%	10	2%	10	2%
HS/Equivalent	499	92%	577	91%	507	90%	434	88%	422	90%
All Other	26	5%	33	5%	34	6%	33	7%	27	6%
Total	545	100%	632	100%	562	100%	495	100%	467	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
Physical Sciences/Math/Engin > Geology-FD

		2018-19							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female		172	79%	25	11%	21	10%	218	100%
Male		203	82%	24	10%	22	9%	249	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		188	77%	29	12%	26	11%	243	100%
Male		200	79%	30	12%	22	9%	252	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		203	79%	19	7%	34	13%	256	100%
Male		230	75%	37	12%	39	13%	306	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		233	73%	42	13%	45	14%	320	100%
Male		248	79%	41	13%	23	7%	312	100%
All		481	76%	83	13%	68	11%	632	100%

		2014-15							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female		174	78%	21	9%	28	13%	223	100%
Male		260	81%	36	11%	26	8%	322	100%
All		434	80%	57	10%	54	10%	545	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%

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	107	80%	15	11%	11	8%	133	100%
20-24	244	80%	31	10%	29	10%	304	100%
25-39	71	79%	10	11%	9	10%	90	100%
40 +	12	67%	1	6%	5	28%	18	100%
All	434	80%	57	10%	54	10%	545	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%

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	19	63%	7	23%	4	13%	30	100%
Asian	162	87%	11	6%	14	7%	187	100%
Filipinx	34	74%	9	20%	3	7%	46	100%
Latinx	101	75%	18	13%	16	12%	135	100%
Native American	3	60%	0	0%	2	40%	5	100%
Pacific Islander	4	100%	0	0%	0	0%	4	100%
White	108	80%	12	9%	15	11%	135	100%
Decline to State	3	100%	0	0%	0	0%	3	100%
All	434	80%	57	10%	54	10%	545	100%