

Science Division

Figure 4. 1 Science Division FTES, Fall Terms 2018-2022

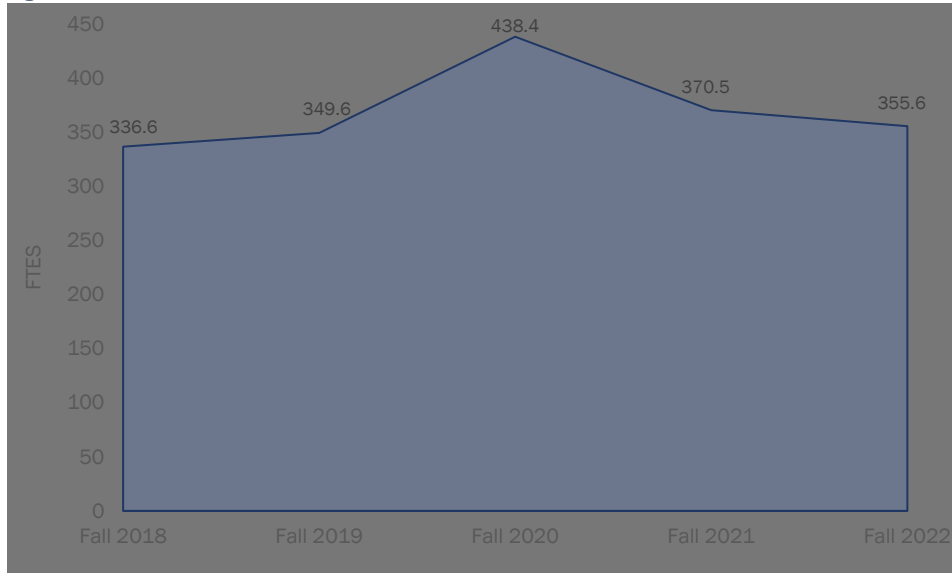


Table 4. 1 Science Division FTES by Discipline, Fall Terms 2018-2022

Science	Full-Time Equivalent Student (FTES)				
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
Anatomy	47.9	47.4	102.6	74.0	79.9
<i>Annual % Change</i>		-1%	116%	-28%	8%
Astronomy	10.3	10.3	12.4	11.6	15.4
<i>Annual % Change</i>		0%	20%	-6%	33%
Biology	59.6	60.9	60.7	42.7	46.2
<i>Annual % Change</i>		2%	0%	-30%	8%
Biotechnology				1.0	1.0
<i>Annual % Change</i>					0%
Chemistry	71.7	83.7	85.4	91.9	80.4
<i>Annual % Change</i>		17%	2%	8%	-13%
Environmental Science	3.3	4.4	9.1	4.7	5.0
<i>Annual % Change</i>		32%	107%	-48%	6%
Family And Consumer Studies	4.7	5.0	4.3	5.1	10.3
<i>Annual % Change</i>		7%	-15%	19%	102%
Geography	17.2	10.8	15.4	4.8	8.9
<i>Annual % Change</i>		-37%	43%	-69%	85%
Geology	4.7	3.6	3.9	2.4	1.9
<i>Annual % Change</i>		-23%	6%	-39%	-18%
Microbiology	30.9	33.6	35.5	40.0	40.6
<i>Annual % Change</i>		9%	6%	13%	1%
Oceanography	20.6	23.4	21.5	19.4	16.6
<i>Annual % Change</i>		14%	-8%	-10%	-14%

Science	Full-Time Equivalent Student (FTES)				
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
Physical Science	5.3	3.0	4.4	1.8	
<i>Annual % Change</i>		-43%	46%	-59%	
Physics	31.3	31.6	31.6	24.7	15.2
<i>Annual % Change</i>		1%	0%	-22%	-38%
Physiology	29.3	31.9	51.7	46.4	34.2
<i>Annual % Change</i>		9%	62%	-10%	-26%
Division Total	336.6	349.6	438.4	370.5	355.6
<i>Annual % Change</i>		4%	25%	-15%	-4%

Source: PS LAC_SRC_SECTION_LISTING_INSTR query; LACCD Class Info and Grade Distribution file

Table 4. 2 Science Division FTEF by Discipline, Fall Terms 2018-2022

Science	Full-Time Equivalent Faculty (FTEF)				
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
Anatomy	1.8	1.8	2.8	3.0	3.6
<i>Annual % Change</i>		0%	56%	7%	20%
Astronomy	0.6	0.6	0.6	0.4	0.6
<i>Annual % Change</i>		0%	0%	-33%	50%
Biology	3.8	2.9	2.9	2.5	2.2
<i>Annual % Change</i>		-23%	0%	-16%	-11%
Biotechnology				0.2	0.2
<i>Annual % Change</i>					0%
Chemistry	3.9	4.0	4.4	4.4	3.6
<i>Annual % Change</i>		2%	10%	0%	-18%
Environmental Science	0.2	0.2	0.4	0.4	0.4
<i>Annual % Change</i>		0%	100%	0%	0%
Family And Consumer Studies	0.2	0.2	0.2	0.2	0.6
<i>Annual % Change</i>		0%	0%	0%	200%
Geography	1.2	0.8	1.0	0.4	0.6
<i>Annual % Change</i>		-33%	25%	-60%	50%
Geology	0.2	0.2	0.2	0.2	0.2
<i>Annual % Change</i>		0%	0%	0%	0%
Microbiology	1.2	1.2	1.2	1.2	1.2
<i>Annual % Change</i>		0%	0%	0%	0%
Oceanography	1.1	0.9	1.0	0.8	0.8
<i>Annual % Change</i>		-18%	8%	-20%	0%
Physical Science	0.3	0.2	0.2	0.2	
<i>Annual % Change</i>		-39%	0%	0%	
Physics	1.7	1.7	1.7	1.9	1.3
<i>Annual % Change</i>		0%	0%	11%	-31%
Physiology	1.2	1.2	1.6	1.6	1.6
<i>Annual % Change</i>		0%	33%	0%	0%
Division Total	17.5	16.0	18.3	17.4	16.9
<i>Annual % Change</i>		-9%	14%	-5%	-3%

Source: PS LAC_SRC_SECTION_LISTING_INSTR query; LACCD Class Info and Grade Distribution file

Figure 4. 2 Science Division FTES and FTES per FTEF, Fall Terms 2018-2022

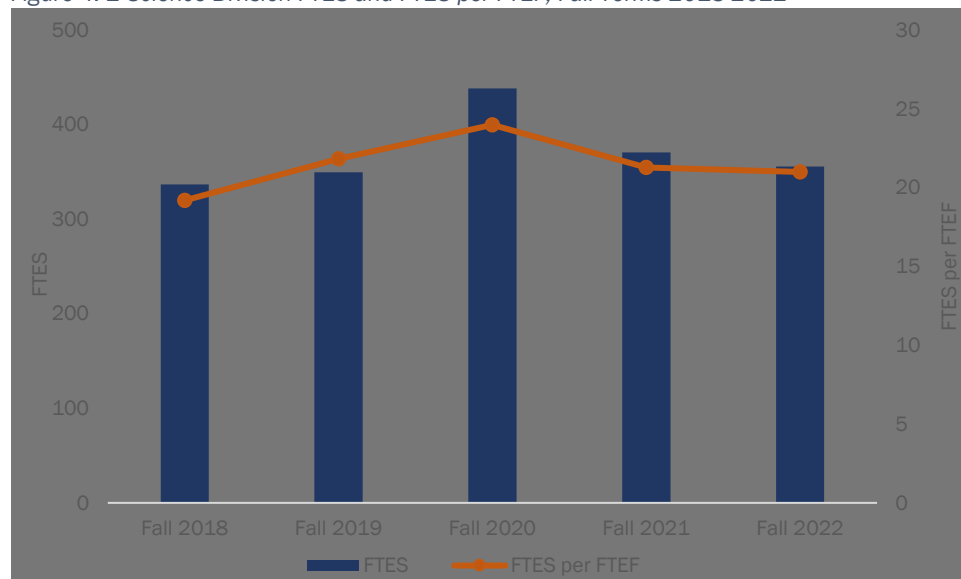


Table 4. 3 Science Division FTES per FTEF by Discipline, Fall Terms 2018-2022

Science	Full-Time Equivalent Student per Full-Time Equivalent Faculty				
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
Anatomy	26.6	26.4	36.6	24.7	22.2
<i>Annual % Change</i>		-1%	39%	-33%	-10%
Astronomy	17.1	17.2	20.7	29.0	25.7
<i>Annual % Change</i>		0%	20%	40%	-11%
Biology	15.6	20.7	20.6	17.3	21.0
<i>Annual % Change</i>		33%	0%	-16%	21%
Biotechnology				5.0	5.0
<i>Annual % Change</i>					0%
Chemistry	18.3	20.9	19.4	20.9	22.3
<i>Annual % Change</i>		14%	-7%	8%	7%
Environmental Science	16.6	21.9	22.7	11.8	12.5
<i>Annual % Change</i>		32%	4%	-48%	6%
Family And Consumer Studies	23.5	25.1	21.4	25.5	17.2
<i>Annual % Change</i>		7%	-15%	19%	-33%
Geography	14.3	13.5	15.4	12.0	14.8
<i>Annual % Change</i>		-6%	14%	-22%	24%
Geology	23.5	18.2	19.3	11.8	9.6
<i>Annual % Change</i>		-23%	6%	-39%	-18%
Microbiology	25.7	28.0	29.6	33.3	33.8
<i>Annual % Change</i>		9%	6%	13%	1%
Oceanography	18.2	25.2	21.5	24.2	20.8
<i>Annual % Change</i>		38%	-15%	13%	-14%
Physical Science	15.9	15.0	21.9	9.0	
<i>Annual % Change</i>		-6%	46%	-59%	
Physics	18.0	18.2	18.2	12.7	11.4
<i>Annual % Change</i>		1%	0%	-30%	-10%

Science	Full-Time Equivalent Student per Full-Time Equivalent Faculty				
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
Physiology	24.4	26.5	32.3	29.0	21.4
<i>Annual % Change</i>		9%	22%	-10%	-26%
Division Total	19.2	21.8	24.0	21.3	21.0
<i>Annual % Change</i>		14%	10%	-11%	-1%

Source: PS LAC_SRC_SECTION_LISTING_INSTR query; LACCD Class Info and Grade Distribution file

Figure 4. 3 Science Division WSCH by Discipline, Fall Terms 2018-2022

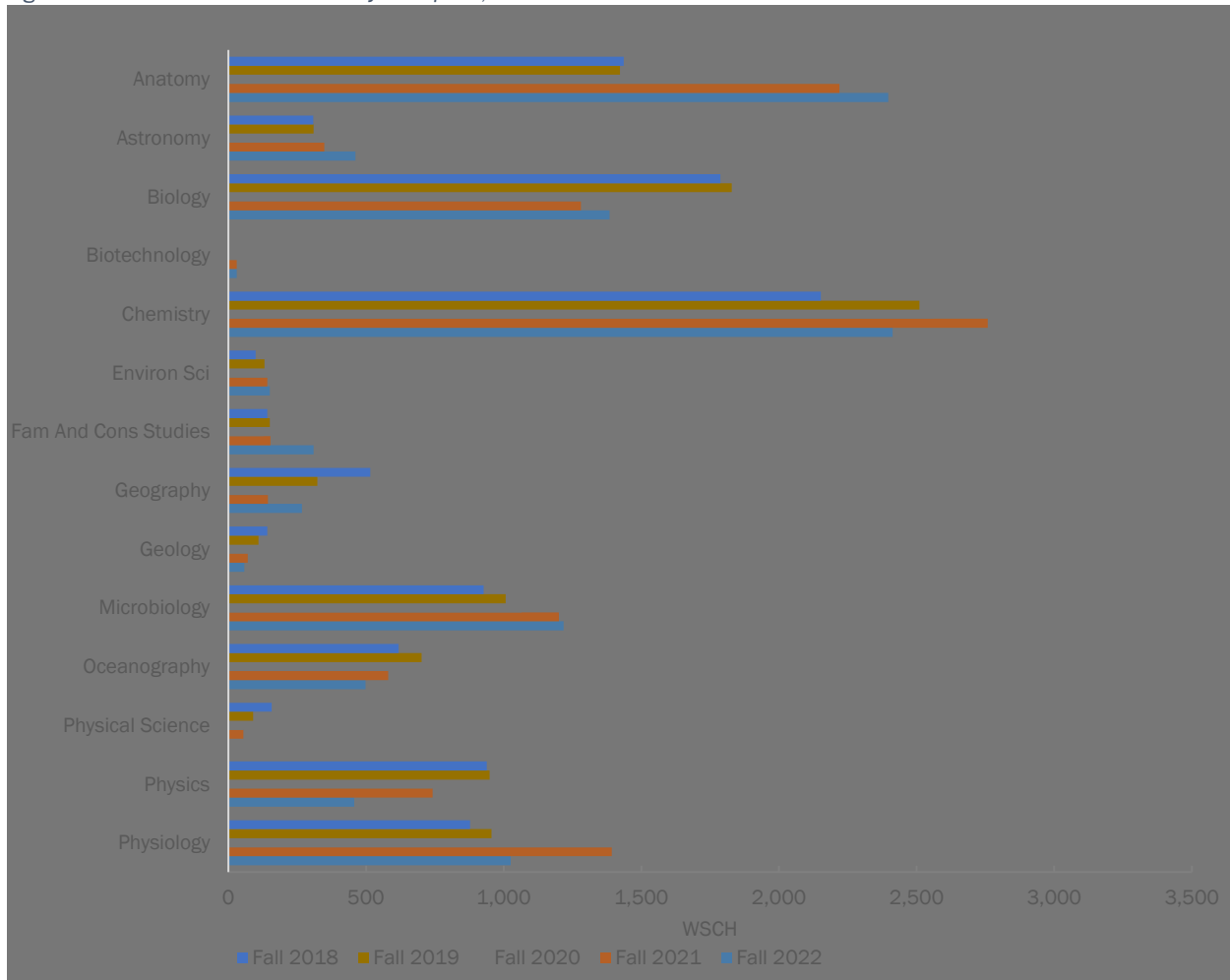


Table 4. 4 Science Division WSCH by Discipline, Fall Terms 2018-2022

Science	Weekly Student Contact Hours (WSCH)				
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
Anatomy	1,435.8	1,422.9	3,077.1	2,220.0	2,397.0
<i>Annual % Change</i>		-1%	116%	-28%	8%
Astronomy	308.4	309.0	372.0	348.0	462.0
<i>Annual % Change</i>		0%	20%	-6%	33%

Science	Weekly Student Contact Hours (WSCH)				
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
Biology	1,786.8	1,827.9	1,821.3	1,281.0	1,384.7
<i>Annual % Change</i>		2%	0%	-30%	8%
Biotechnology				30.0	30.0
<i>Annual % Change</i>					0%
Chemistry	2,151.9	2,510.1	2,561.7	2,757.9	2,412.5
<i>Annual % Change</i>		17%	2%	8%	-13%
Environmental Science	99.3	131.4	272.1	141.6	150.0
<i>Annual % Change</i>		32%	107%	-48%	6%
Family And Consumer Studies	141.0	150.6	128.1	153.0	309.0
<i>Annual % Change</i>		7%	-15%	19%	102%
Geography	515.7	323.1	462.3	144.0	267.0
<i>Annual % Change</i>		-37%	43%	-69%	85%
Geology	141.0	108.9	115.5	70.5	57.7
<i>Annual % Change</i>		-23%	6%	-39%	-18%
Microbiology	926.7	1,006.8	1,064.1	1,200.0	1,218.0
<i>Annual % Change</i>		9%	6%	13%	2%
Oceanography	617.7	702.3	644.4	580.8	498.3
<i>Annual % Change</i>		14%	-8%	-10%	-14%
Physical Science	157.5	89.7	131.4	54.0	
<i>Annual % Change</i>		-43%	46%	-59%	
Physics	938.1	948.3	949.2	741.6	457.1
<i>Annual % Change</i>		1%	0%	-22%	-38%
Physiology	878.4	955.5	1,551.9	1,392.9	1,025.1
<i>Annual % Change</i>		9%	62%	-10%	-26%
Division Total	10,098.3	10,486.5	13,151.1	11,115.3	10,668.4
<i>Annual % Change</i>		4%	25%	-15%	-4%

Source: PS LAC_SRC_SECTION_LISTING_INSTR query; LACCD Class Info and Grade Distribution file

Figure 4. 4 Science Division WSCH and WSCH per FTEF, Fall Terms 2018-2022

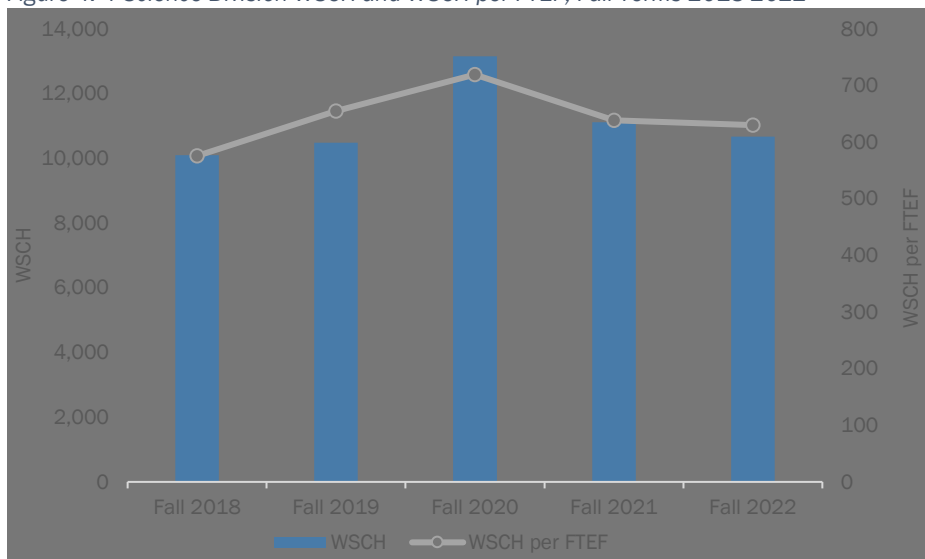


Table 4. 5 Science Division WSCH per FTEF by Discipline, Fall Terms 2018-2022

Science	WSCH per FTEF				
	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
Anatomy <i>Annual % Change</i>	797.7	790.5 -1%	1,099.0 39%	740.0 -33%	665.8 -10%
Astronomy <i>Annual % Change</i>	514.0	515.0 0%	620.0 20%	870.0 40%	770.0 -11%
Biology <i>Annual % Change</i>	467.7	621.7 33%	619.5 0%	518.6 -16%	629.4 21%
Biotechnology <i>Annual % Change</i>				150.0	150.0 0%
Chemistry <i>Annual % Change</i>	549.0	627.5 14%	582.2 -7%	626.8 8%	670.1 7%
Environmental Science <i>Annual % Change</i>	496.5	657.0 32%	680.3 4%	354.0 -48%	375.0 6%
Family And Consumer Studies <i>Annual % Change</i>	705.0	753.0 7%	640.5 -15%	765.0 19%	515.0 -33%
Geography <i>Annual % Change</i>	429.8	403.9 -6%	462.3 14%	360.0 -22%	445.0 24%
Geology <i>Annual % Change</i>	705.0	544.5 -23%	577.5 6%	352.5 -39%	288.5 -18%
Microbiology <i>Annual % Change</i>	772.3	839.0 9%	886.8 6%	1,000.0 13%	1,015.0 2%
Oceanography <i>Annual % Change</i>	546.6	755.2 38%	644.4 -15%	726.0 13%	622.8 -14%
Physical Science <i>Annual % Change</i>	477.3	448.5 -6%	657.0 46%	270.0 -59%	
Physics <i>Annual % Change</i>	539.1	545.0 1%	545.5 0%	382.3 -30%	342.8 -10%
Physiology <i>Annual % Change</i>	732.0	796.3 9%	969.9 22%	870.6 -10%	640.7 -26%
Division Total <i>Annual % Change</i>	575.7	655.0 14%	719.4 10%	638.4 -11%	630.0 -1%

Source: PS LAC_SRC_SECTION_LISTING_INSTR query; LACCD Class Info and Grade Distribution file