

Science Division

Figure 4. 28 Science Division FTES, Fall Terms 2017-2021

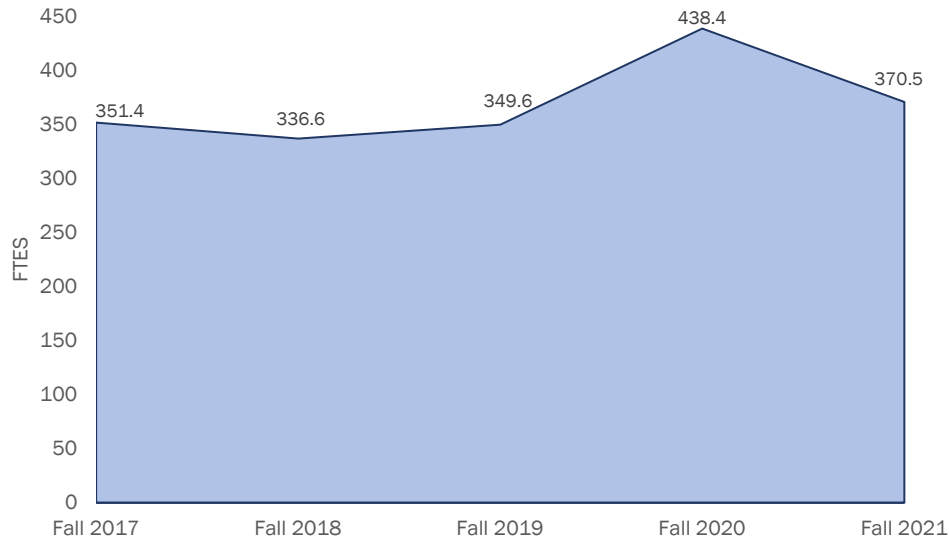


Table 4. 41 Science Division FTES by Discipline, Fall Terms 2017-2021

Science	Full-Time Equivalent Student (FTES)				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Anatomy	48.1	47.9	47.4	102.6	74.0
Annual % Change		0%	-1%	116%	-28%
Astronomy	11.7	10.3	10.3	12.4	11.6
Annual % Change		-12%	0%	20%	-6%
Biology	63.3	59.6	60.9	60.7	42.7
Annual % Change		-6%	2%	0%	-30%
Biotechnology					1.0
Annual % Change					
Chemistry	76.4	71.7	83.7	85.4	91.9
Annual % Change		-6%	17%	2%	8%
Environmental Science	3.4	3.3	4.4	9.1	4.7
Annual % Change		-3%	32%	107%	-48%
Family And Consumer Studies	5.1	4.7	5.0	4.3	5.1
Annual % Change		-8%	7%	-15%	19%
Geography	18.5	17.2	10.8	15.4	4.8
Annual % Change		-7%	-37%	43%	-69%
Geology	4.3	4.7	3.6	3.8	2.4
Annual % Change		10%	-23%	6%	-39%
Microbiology	32.2	30.9	33.6	35.5	40.0
Annual % Change		-4%	9%	6%	13%
Oceanography	25.9	20.6	23.4	21.5	19.4
Annual % Change		-20%	14%	-8%	-10%

Science	Full-Time Equivalent Student (FTES)				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Physical Science	4.9	5.3	3.0	4.4	1.8
<i>Annual % Change</i>		7%	-43%	47%	-59%
Physics	26.5	31.3	31.6	31.6	24.7
<i>Annual % Change</i>		18%	1%	0%	-22%
Physiology	31.2	29.3	31.9	51.7	46.4
<i>Annual % Change</i>		-6%	9%	62%	-10%
Division Total	351.4	336.6	349.6	438.4	370.5
<i>Annual % Change</i>		-4%	4%	25%	-15%

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

Table 4. 42 Science Division FTEF by Discipline, Fall Terms 2017-2021

Science	Full-Time Equivalent Faculty (FTEF)				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Anatomy	1.8	1.8	1.8	2.8	3.0
<i>Annual % Change</i>		0%	0%	56%	7%
Astronomy	0.6	0.6	0.6	0.6	0.4
<i>Annual % Change</i>		0%	0%	0%	-33%
Biology	3.7	3.8	2.9	2.9	2.5
<i>Annual % Change</i>		2%	-23%	0%	-16%
Biotechnology					0.2
<i>Annual % Change</i>					
Chemistry	4.0	3.9	4.0	4.4	4.4
<i>Annual % Change</i>		-2%	2%	10%	0%
Environmental Science	0.2	0.2	0.2	0.4	0.4
<i>Annual % Change</i>		0%	0%	100%	0%
Family And Consumer Studies	0.2	0.2	0.2	0.2	0.2
<i>Annual % Change</i>		0%	0%	0%	0%
Geography	1.4	1.2	0.8	1.0	0.4
<i>Annual % Change</i>		-14%	-33%	25%	-60%
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	1.2	1.1	0.9	1.0	0.8
<i>Annual % Change</i>		-6%	-18%	7%	-20%
Physical Science	0.3	0.3	0.2	0.2	0.2
<i>Annual % Change</i>		0%	-40%	0%	0%
Physics	1.7	1.7	1.7	1.7	1.9
<i>Annual % Change</i>		0%	0%	0%	12%
Physiology	1.2	1.2	1.2	1.6	1.6
<i>Annual % Change</i>		0%	0%	33%	0%
Division Total	17.8	17.5	16.0	18.3	17.4
<i>Annual % Change</i>		-1%	-9%	14%	-5%

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

Figure 4. 29 Science Division FTES and FTES per FTEF, Fall Terms 2017 to 2021

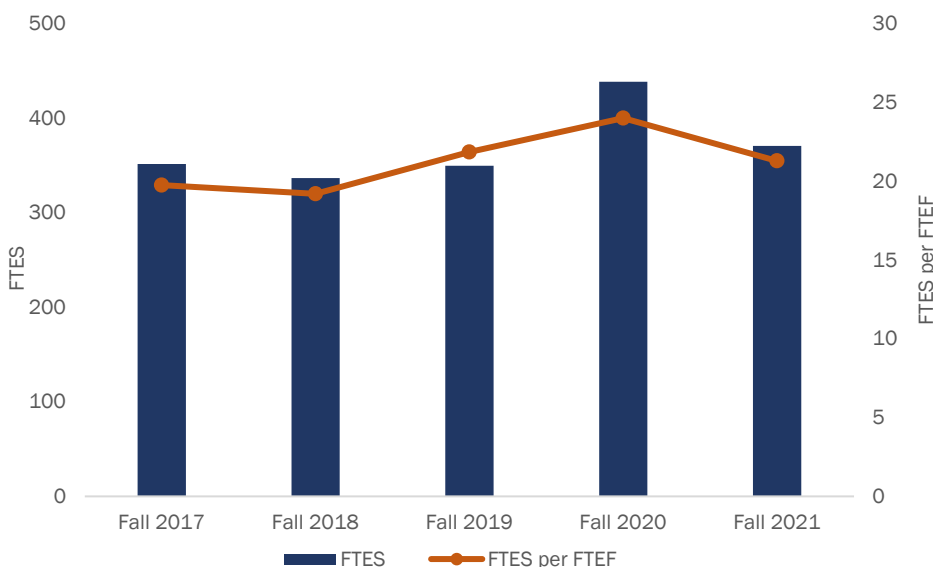


Table 4. 43 Science Division FTES per FTEF by Discipline, Fall Terms 2017-2021

Science	Full-Time Equivalent Student per Full-Time Equivalent Faculty				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Anatomy	26.7	26.6	26.4	36.6	24.7
<i>Annual % Change</i>		0%	-1%	39%	-33%
Astronomy	19.4	17.1	17.2	20.7	29.0
<i>Annual % Change</i>		-12%	0%	20%	40%
Biology	17.0	15.6	20.8	20.7	17.3
<i>Annual % Change</i>		-8%	33%	0%	-16%
Biotechnology					5.0
<i>Annual % Change</i>					
Chemistry	19.1	18.3	20.9	19.4	20.9
<i>Annual % Change</i>		-4%	14%	-7%	8%
Environmental Science	17.1	16.6	21.9	22.7	11.8
<i>Annual % Change</i>		-3%	32%	3%	-48%
Family And Consumer Studies	25.6	23.5	25.1	21.4	25.5
<i>Annual % Change</i>		-8%	7%	-15%	19%
Geography	13.2	14.3	13.5	15.4	12.0
<i>Annual % Change</i>		8%	-6%	14%	-22%
Geology	21.4	23.5	18.2	19.2	11.8
<i>Annual % Change</i>		10%	-23%	6%	-39%
Microbiology	26.8	25.7	28.0	29.6	33.3
<i>Annual % Change</i>		-4%	9%	6%	13%
Oceanography	21.6	18.2	25.1	21.5	24.2
<i>Annual % Change</i>		-16%	38%	-14%	13%
Physical Science	14.7	15.8	15.0	21.9	9.0
<i>Annual % Change</i>		7%	-5%	47%	-59%
Physics	15.3	18.0	18.2	18.2	12.7
<i>Annual % Change</i>		18%	1%	0%	-30%

Science	Full-Time Equivalent Student per Full-Time Equivalent Faculty				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Physiology	26.0	24.4	26.5	32.3	29.0
<i>Annual % Change</i>		-6%	9%	22%	-10%
Division Total	19.7	19.2	21.8	24.0	21.3
<i>Annual % Change</i>		-3%	14%	10%	-11%

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

Figure 4. 30 Science Division WSCH by Discipline, Fall Terms 2017-2021

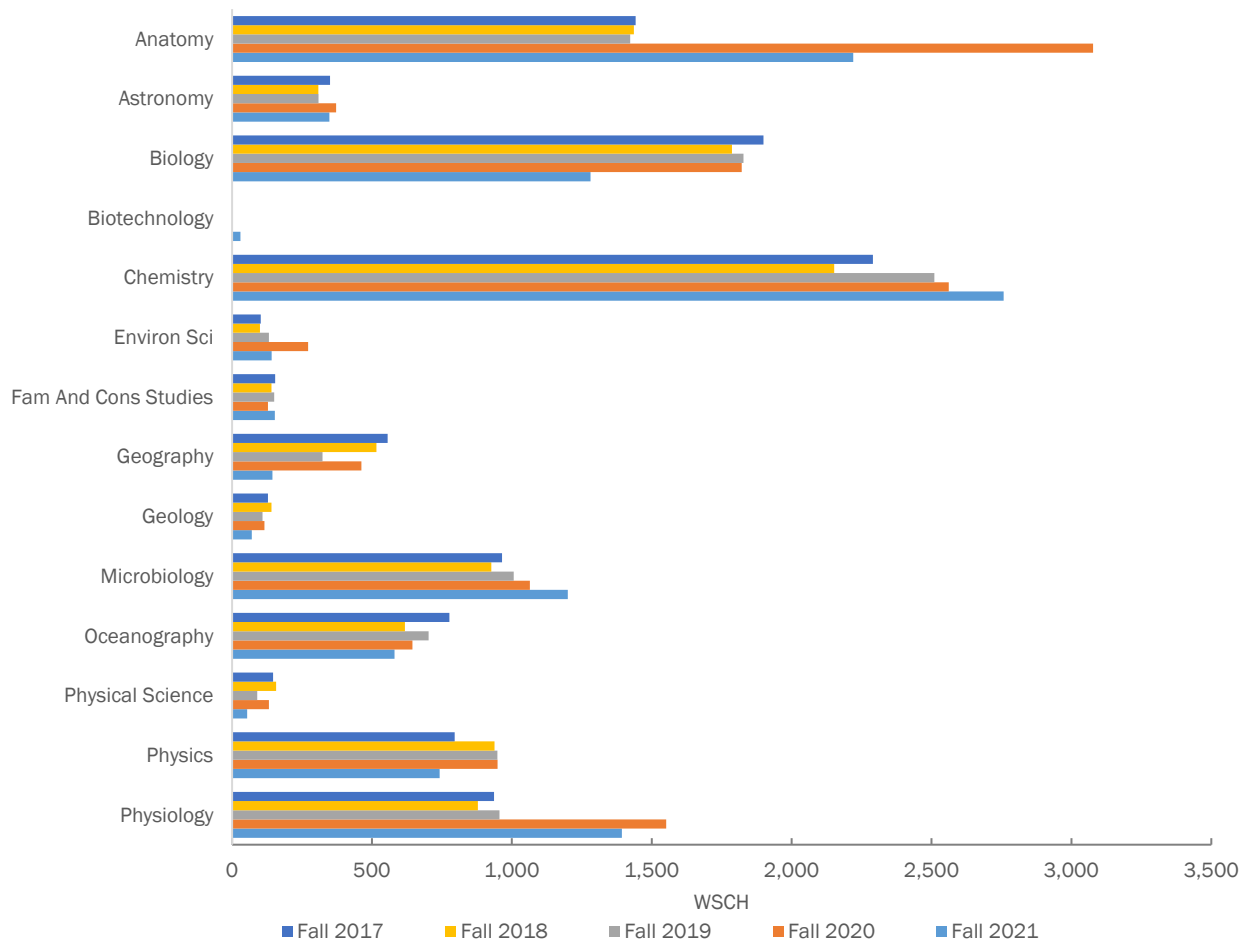


Table 4. 44 Science Division WSCH by Discipline, Fall Terms 2017-2021

Science	Weekly Student Contact Hours (WSCH)				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Anatomy	1,442.6	1,435.8	1,422.9	3,077.5	2,220.0
<i>Annual % Change</i>		0%	-1%	116%	-28%
Astronomy	349.8	308.4	309.0	371.9	348.0
<i>Annual % Change</i>		-12%	0%	20%	-6%

Science	Weekly Student Contact Hours (WSCH)				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Biology	1,899.1	1,786.8	1,827.9	1,821.3	1,281.0
Annual % Change		-6%	2%	0%	-30%
Biotechnology					30.0
Annual % Change					
Chemistry	2,290.6	2,151.9	2,510.1	2,561.4	2,757.9
Annual % Change		-6%	17%	2%	8%
Environmental Science	102.6	99.3	131.4	271.9	141.6
Annual % Change		-3%	32%	107%	-48%
Family And Consumer Studies	153.9	141.0	150.6	128.2	153.0
Annual % Change		-8%	7%	-15%	19%
Geography	555.7	515.7	323.1	462.4	144.0
Annual % Change		-7%	-37%	43%	-69%
Geology	128.2	141.0	108.9	115.4	70.5
Annual % Change		10%	-23%	6%	-39%
Microbiology	964.9	926.7	1,006.8	1,064.3	1,200.0
Annual % Change		-4%	9%	6%	13%
Oceanography	776.8	617.7	702.3	644.3	580.8
Annual % Change		-20%	14%	-8%	-10%
Physical Science	146.6	157.5	89.7	131.4	54.0
Annual % Change		7%	-43%	47%	-59%
Physics	795.6	938.1	948.3	948.9	741.6
Annual % Change		18%	1%	0%	-22%
Physiology	936.1	878.4	955.5	1,551.6	1,392.9
Annual % Change		-6%	9%	62%	-10%
Division Total	10,542.5	10,098.3	10,486.5	13,150.5	11,115.3
Annual % Change		-4%	4%	25%	-15%

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

Figure 4. 31 Science Division WSCH and WSCH per FTEF, Fall Terms 2017-2021

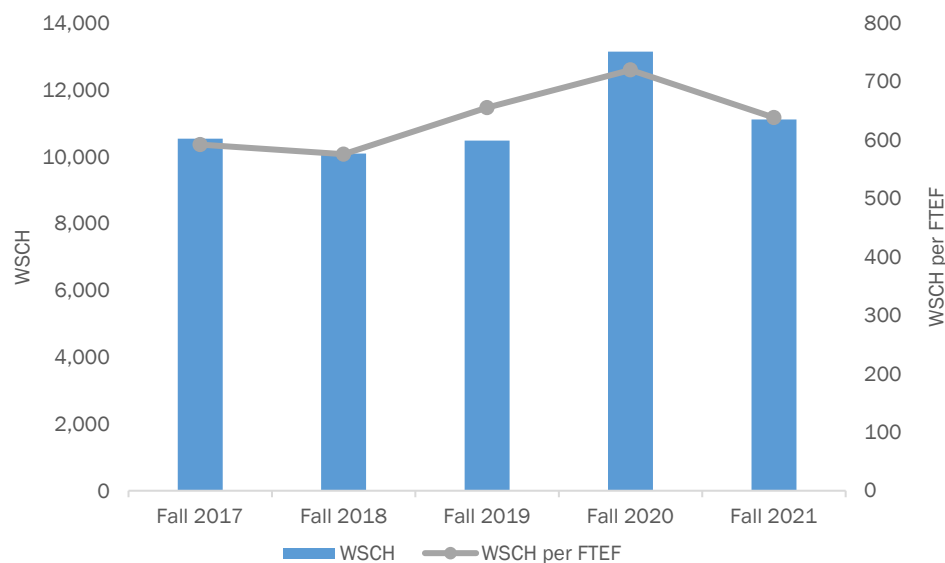


Table 4. 45 Science Division WSCH per FTEF by Discipline, Fall Terms 2017-2021

Science	WSCH per FTEF				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Anatomy	801.4	797.7	790.5	1,099.1	740.0
<i>Annual % Change</i>		0%	-1%	39%	-33%
Astronomy	583.0	514.0	515.0	619.8	870.0
<i>Annual % Change</i>		-12%	0%	20%	40%
Biology	508.7	468.1	623.1	620.9	518.6
<i>Annual % Change</i>		-8%	33%	0%	-16%
Biotechnology					150.0
<i>Annual % Change</i>					
Chemistry	572.6	549.0	627.5	582.1	626.8
<i>Annual % Change</i>		-4%	14%	-7%	8%
Environmental Science	512.9	496.5	657.0	679.8	354.0
<i>Annual % Change</i>		-3%	32%	3%	-48%
Family And Consumer Studies	769.4	705.0	753.0	641.1	765.0
<i>Annual % Change</i>		-8%	7%	-15%	19%
Geography	396.9	429.8	403.9	462.4	360.0
<i>Annual % Change</i>		8%	-6%	14%	-22%
Geology	641.1	705.0	544.5	577.0	352.5
<i>Annual % Change</i>		10%	-23%	6%	-39%
Microbiology	804.1	772.3	839.0	886.9	1,000.0
<i>Annual % Change</i>		-4%	9%	6%	13%
Oceanography	647.3	545.0	752.5	644.3	726.0
<i>Annual % Change</i>		-16%	38%	-14%	13%
Physical Science	439.9	472.5	448.5	657.2	270.0
<i>Annual % Change</i>		7%	-5%	47%	-59%
Physics	459.0	541.2	547.1	547.4	382.3
<i>Annual % Change</i>		18%	1%	0%	-30%
Physiology	780.1	732.0	796.3	969.7	870.6
<i>Annual % Change</i>		-6%	9%	22%	-10%
Division Total	592.3	575.8	655.4	719.9	638.4
<i>Annual % Change</i>		-3%	14%	10%	-11%

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