

Science Division

Figure 4. 1 Science Division FTES, Fall Terms 2019-2023

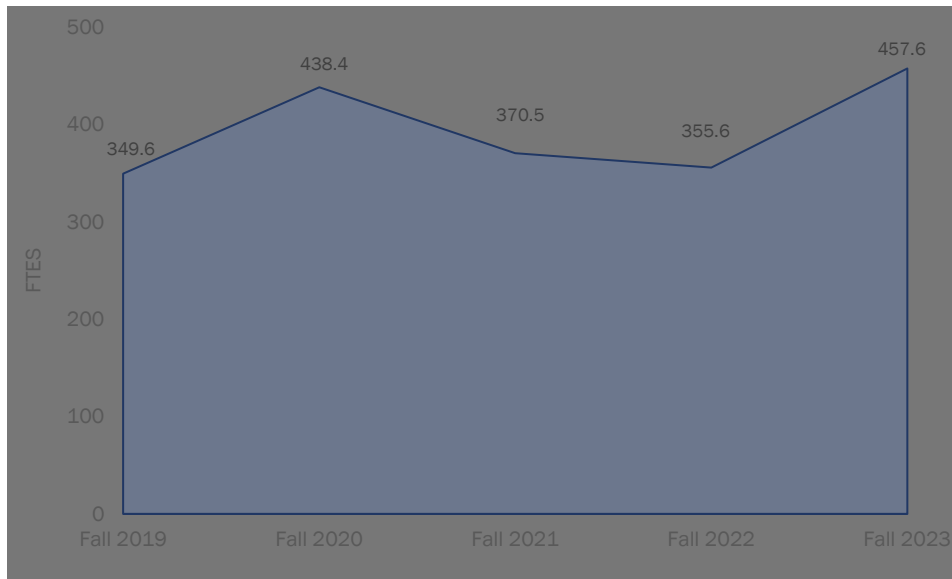


Table 4. 1 Science Division FTES by Discipline, Fall Terms 2019-2023

Science	Full-Time Equivalent Student (FTES)				
	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Anatomy	47.4	102.6	74.0	79.9	100.2
Annual % Change		116%	-28%	8%	25%
Astronomy	10.3	12.4	11.6	15.4	12.2
Annual % Change		20%	-6%	33%	-21%
Biology	60.9	60.7	42.7	46.2	66.8
Annual % Change		0%	-30%	8%	45%
Biotechnology			1.0	1.0	0.8
Annual % Change				0%	-20%
Chemistry	83.7	85.4	91.9	80.4	109.5
Annual % Change		2%	8%	-13%	36%
Environmental Science	4.4	9.1	4.7	5.0	9.3
Annual % Change		107%	-48%	6%	86%
Family And Consumer Studies	5.0	4.3	5.1	10.3	13.6
Annual % Change		-15%	19%	102%	32%
Geography	10.8	15.4	4.8	8.9	11.8
Annual % Change		43%	-69%	85%	33%
Geology	3.6	3.9	2.4	1.9	1.8
Annual % Change		6%	-39%	-18%	-6%
Microbiology	33.6	35.5	40.0	40.6	48.8
Annual % Change		6%	13%	1%	20%
Oceanography	23.4	21.5	19.4	16.6	14.3
Annual % Change		-8%	-10%	-14%	-14%

Science	Full-Time Equivalent Student (FTES)				
	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Physical Science	3.0	4.4	1.8		
<i>Annual % Change</i>		46%	-59%		
Physics	31.6	31.6	24.7	15.2	16.5
<i>Annual % Change</i>		0%	-22%	-38%	8%
Physiology	31.9	51.7	46.4	34.2	52.0
<i>Annual % Change</i>		62%	-10%	-26%	52%
Division Total	349.6	438.4	370.5	355.6	457.6
<i>Annual % Change</i>		25%	-15%	-4%	29%

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

Table 4. 2 Science Division FTEF by Discipline, Fall Terms 2019-2023

Science	Full-Time Equivalent Faculty (FTEF)				
	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Anatomy	1.8	2.8	3.0	3.6	5.0
<i>Annual % Change</i>		56%	7%	20%	39%
Astronomy	0.6	0.6	0.4	0.6	0.6
<i>Annual % Change</i>		0%	-33%	50%	0%
Biology	2.9	2.9	2.5	2.2	3.2
<i>Annual % Change</i>		0%	-16%	-11%	45%
Biotechnology			0.2	0.2	0.2
<i>Annual % Change</i>				0%	0%
Chemistry	4.0	4.4	4.4	3.6	4.8
<i>Annual % Change</i>		10%	0%	-18%	33%
Environmental Science	0.2	0.4	0.4	0.4	0.6
<i>Annual % Change</i>		100%	0%	0%	50%
Family And Consumer Studies	0.2	0.2	0.2	0.6	0.6
<i>Annual % Change</i>		0%	0%	200%	0%
Geography	0.8	1.0	0.4	0.6	0.6
<i>Annual % Change</i>		25%	-60%	50%	0%
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	0.9	1.0	0.8	0.8	0.6
<i>Annual % Change</i>		8%	-20%	0%	-25%
Physical Science	0.2	0.2	0.2		
<i>Annual % Change</i>		0%	0%		
Physics	1.7	1.7	1.9	1.3	1.3
<i>Annual % Change</i>		0%	11%	-31%	0%
Physiology	1.2	1.6	1.6	1.6	2.2
<i>Annual % Change</i>		33%	0%	0%	38%
Division Total	16.0	18.3	17.4	16.9	21.1
<i>Annual % Change</i>		14%	-5%	-3%	25%

Source: PeopleSoft 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 2019-2023

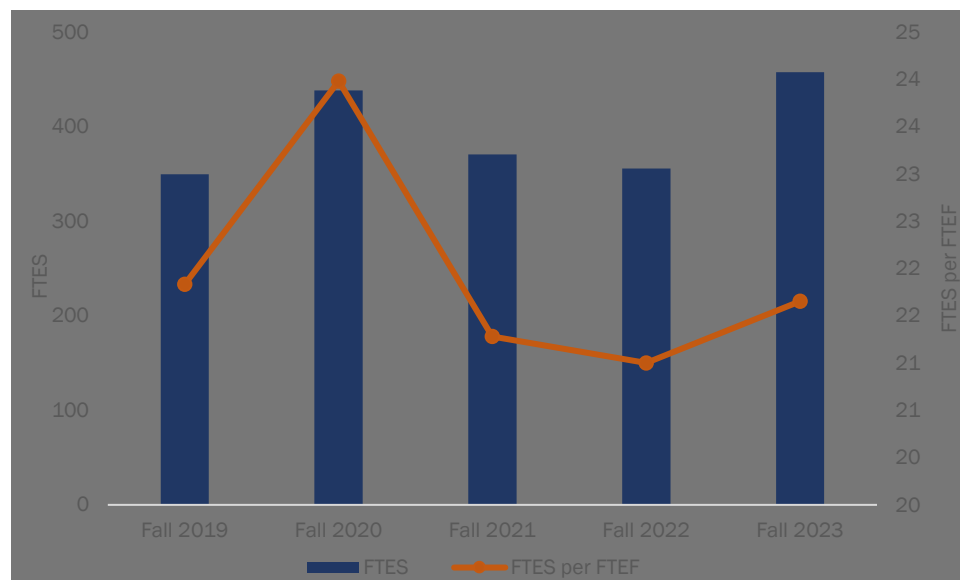


Table 4. 3 Science Division FTES per FTEF by Discipline, Fall Terms 2019-2023

Full-Time Equivalent Student per Full-Time Equivalent Faculty					
Science	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Anatomy	26.4	36.6	24.7	22.2	20.0
Annual % Change		39%	-33%	-10%	-10%
Astronomy	17.2	20.7	29.0	25.7	20.3
Annual % Change		20%	40%	-11%	-21%
Biology	20.7	20.6	17.3	21.0	20.9
Annual % Change		0%	-16%	21%	0%
Biotechnology			5.0	5.0	4.0
Annual % Change				0%	-20%
Chemistry	20.9	19.4	20.9	22.3	22.8
Annual % Change		-7%	8%	7%	2%
Environmental Science	21.9	22.7	11.8	12.5	15.5
Annual % Change		4%	-48%	6%	24%
Family And Consumer Studies	25.1	21.4	25.5	17.2	22.7
Annual % Change		-15%	19%	-33%	32%
Geography	13.5	15.4	12.0	14.8	19.7
Annual % Change		14%	-22%	24%	33%
Geology	18.2	19.3	11.8	9.6	9.1
Annual % Change		6%	-39%	-18%	-6%
Microbiology	28.0	29.6	33.3	33.8	40.7
Annual % Change		6%	13%	1%	20%
Oceanography	25.2	21.5	24.2	20.8	23.8
Annual % Change		-15%	13%	-14%	15%
Physical Science	15.0	21.9	9.0		
Annual % Change		46%	-59%		

Full-Time Equivalent Student per Full-Time Equivalent Faculty					
Science	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Physics	18.2	18.2	12.7	11.4	12.4
<i>Annual % Change</i>		0%	-30%	-10%	8%
Physiology	26.5	32.3	29.0	21.4	23.6
<i>Annual % Change</i>		22%	-10%	-26%	11%
Division Total	21.8	24.0	21.3	21.0	21.7
<i>Annual % Change</i>		10%	-11%	-1%	3%

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

Figure 4. 3 Science Division WSCH by Discipline, Fall Terms 2019-2023

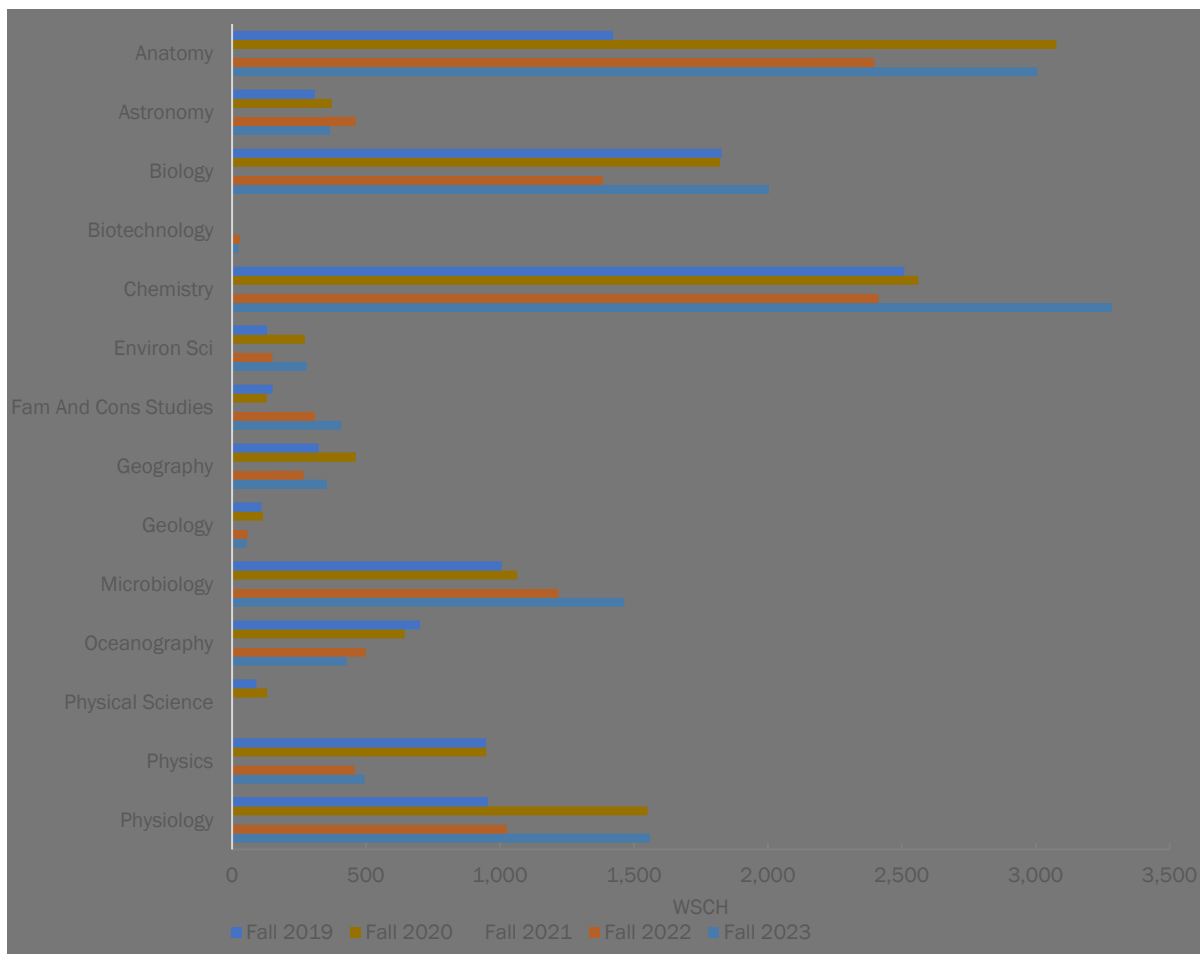


Table 4. 4 Science Division WSCH by Discipline, Fall Terms 2019-2023

Weekly Student Contact Hours (WSCH)					
Science	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Anatomy	1,422.9	3,077.1	2,220.0	2,397.0	3,006.0
<i>Annual % Change</i>		116%	-28%	8%	25%
Astronomy	309.0	372.0	348.0	462.0	365.0
<i>Annual % Change</i>		20%	-6%	33%	-21%

Weekly Student Contact Hours (WSCH)					
Science	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Biology	1,827.9	1,821.3	1,281.0	1,384.7	2,004.7
<i>Annual % Change</i>		0%	-30%	8%	45%
Biotechnology			30.0	30.0	24.0
<i>Annual % Change</i>				0%	-20%
Chemistry	2,510.1	2,561.7	2,757.9	2,412.5	3,284.6
<i>Annual % Change</i>		2%	8%	-13%	36%
Environmental Science	131.4	272.1	141.6	150.0	279.0
<i>Annual % Change</i>		107%	-48%	6%	86%
Family And Consumer Studies	150.6	128.1	153.0	309.0	408.0
<i>Annual % Change</i>		-15%	19%	102%	32%
Geography	323.1	462.3	144.0	267.0	354.0
<i>Annual % Change</i>		43%	-69%	85%	33%
Geology	108.9	115.5	70.5	57.7	54.5
<i>Annual % Change</i>		6%	-39%	-18%	-6%
Microbiology	1,006.8	1,064.1	1,200.0	1,218.0	1,464.0
<i>Annual % Change</i>		6%	13%	2%	20%
Oceanography	702.3	644.4	580.8	498.3	428.1
<i>Annual % Change</i>		-8%	-10%	-14%	-14%
Physical Science	89.7	131.4	54.0		
<i>Annual % Change</i>		46%	-59%		
Physics	948.3	949.2	741.6	457.1	495.2
<i>Annual % Change</i>		0%	-22%	-38%	8%
Physiology	955.5	1,551.9	1,392.9	1,025.1	1,560.2
<i>Annual % Change</i>		62%	-10%	-26%	52%
Division Total	10,486.5	13,151.1	11,115.3	10,668.4	13,727.2
<i>Annual % Change</i>		25%	-15%	-4%	29%

Source: PeopleSoft 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 2019-2023

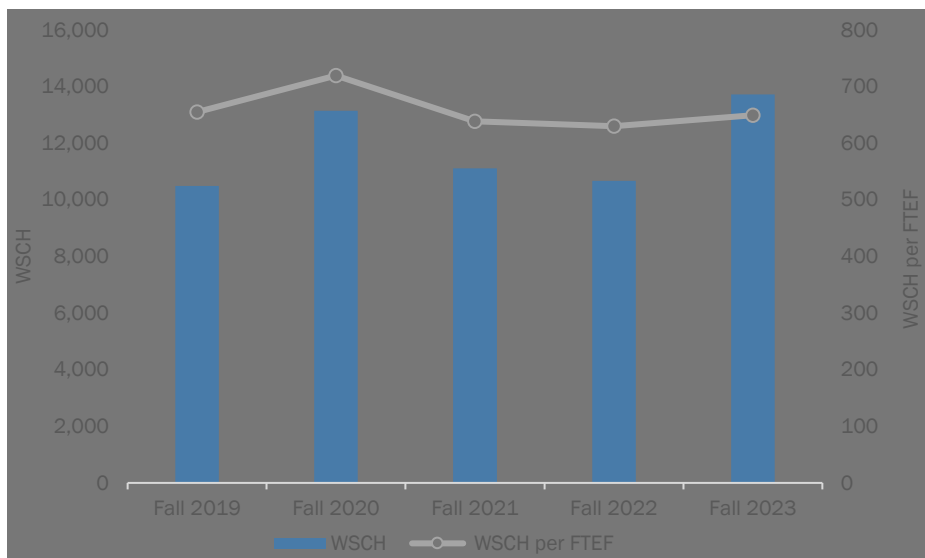


Table 4. 5 Science Division WSCH per FTEF by Discipline, Fall Terms 2019-2023

Science	WSCH per FTEF				
	Fall 2019	Fall 2020	Fall 2021	Fall 2022	Fall 2023
Anatomy <i>Annual % Change</i>	790.5	1,099.0 39%	740.0 -33%	665.8 -10%	601.2 -10%
Astronomy <i>Annual % Change</i>	515.0	620.0 20%	870.0 40%	770.0 -11%	608.4 -21%
Biology <i>Annual % Change</i>	621.7	619.5 0%	518.6 -16%	629.4 21%	626.5 0%
Biotechnology <i>Annual % Change</i>			150.0	150.0 0%	120.0 -20%
Chemistry <i>Annual % Change</i>	627.5	582.2 -7%	626.8 8%	670.1 7%	684.3 2%
Environmental Science <i>Annual % Change</i>	657.0	680.3 4%	354.0 -48%	375.0 6%	465.0 24%
Family And Consumer Studies <i>Annual % Change</i>	753.0	640.5 -15%	765.0 19%	515.0 -33%	680.0 32%
Geography <i>Annual % Change</i>	403.9	462.3 14%	360.0 -22%	445.0 24%	590.0 33%
Geology <i>Annual % Change</i>	544.5	577.5 6%	352.5 -39%	288.5 -18%	272.5 -6%
Microbiology <i>Annual % Change</i>	839.0	886.8 6%	1,000.0 13%	1,015.0 2%	1,220.0 20%
Oceanography <i>Annual % Change</i>	755.2	644.4 -15%	726.0 13%	622.8 -14%	713.6 15%
Physical Science <i>Annual % Change</i>	448.5	657.0 46%	270.0 -59%		
Physics <i>Annual % Change</i>	545.0	545.5 0%	382.3 -30%	342.8 -10%	371.4 8%
Physiology <i>Annual % Change</i>	796.3	969.9 22%	870.6 -10%	640.7 -26%	709.2 11%
Division Total <i>Annual % Change</i>	655.0	719.4 10%	638.4 -11%	630.0 -1%	649.6 3%

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