

## Science Division

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

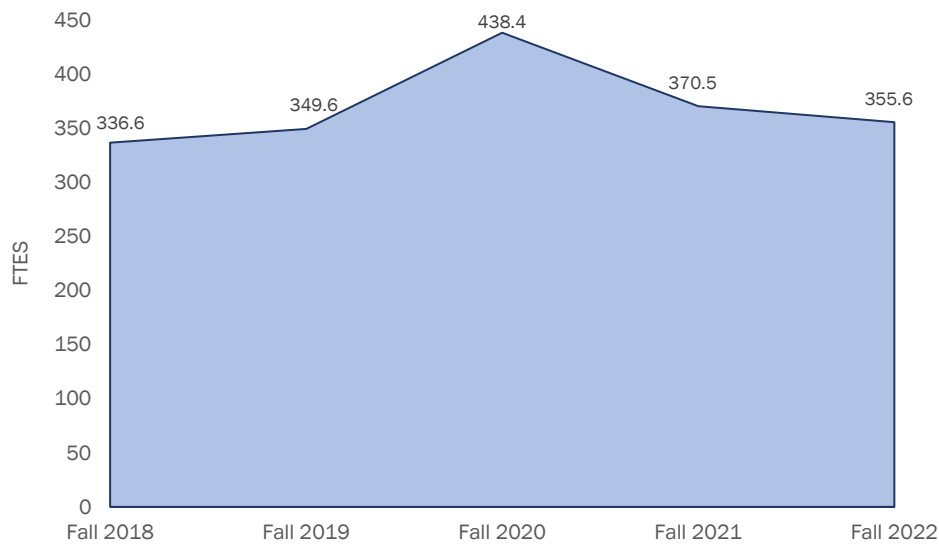


Table 4. 1 Science Division FTES by Discipline, Fall Terms 2018-2022

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
Annual % Change		-1%	116%	-28%	8%
Astronomy	10.3	10.3	12.4	11.6	15.4
Annual % Change		0%	20%	-6%	33%
Biology	59.6	60.9	60.7	42.7	46.2
Annual % Change		2%	0%	-30%	8%
Biotechnology				1.0	1.0
Annual % Change					0%
Chemistry	71.7	83.7	85.4	91.9	80.4
Annual % Change		17%	2%	8%	-13%
Environmental Science	3.3	4.4	9.1	4.7	5.0
Annual % Change		32%	107%	-48%	6%
Family And Consumer Studies	4.7	5.0	4.3	5.1	10.3
Annual % Change		7%	-15%	19%	102%
Geography	17.2	10.8	15.4	4.8	8.9
Annual % Change		-37%	43%	-69%	85%
Geology	4.7	3.6	3.9	2.4	1.9
Annual % Change		-23%	6%	-39%	-18%
Microbiology	30.9	33.6	35.5	40.0	40.6
Annual % Change		9%	6%	13%	1%
Oceanography	20.6	23.4	21.5	19.4	16.6
Annual % Change		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%
<b>Division Total</b>	<b>336.6</b>	<b>349.6</b>	<b>438.4</b>	<b>370.5</b>	<b>355.6</b>
<i>Annual % Change</i>		<b>4%</b>	<b>25%</b>	<b>-15%</b>	<b>-4%</b>

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%
<b>Division Total</b>	<b>17.5</b>	<b>16.0</b>	<b>18.3</b>	<b>17.4</b>	<b>16.9</b>
<i>Annual % Change</i>		<b>-9%</b>	<b>14%</b>	<b>-5%</b>	<b>-3%</b>

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

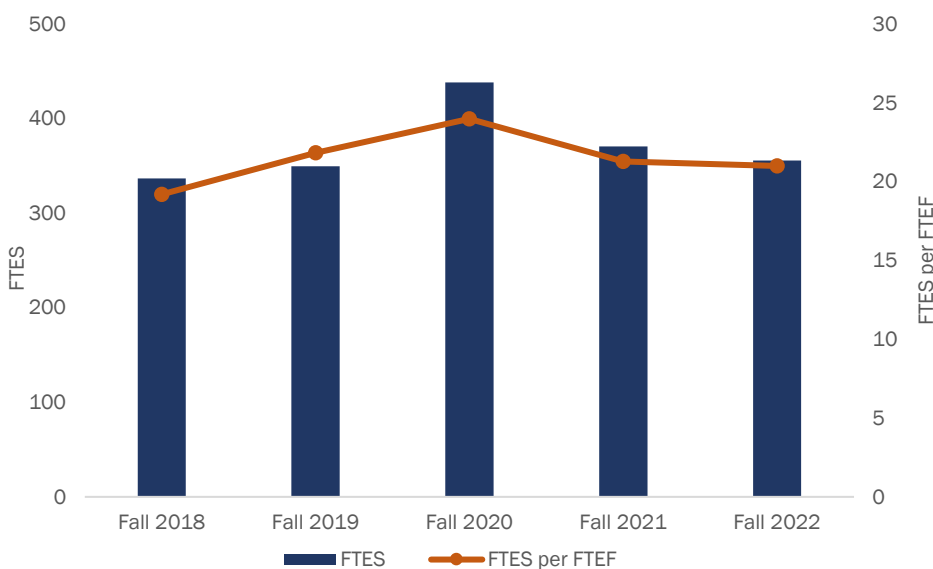


Table 4. 3 Science Division FTES per FTEF by Discipline, Fall Terms 2018-2022

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%
<b>Division Total</b>	<b>19.2</b>	<b>21.8</b>	<b>24.0</b>	<b>21.3</b>	<b>21.0</b>
<i>Annual % Change</i>		<b>14%</b>	<b>10%</b>	<b>-11%</b>	<b>-1%</b>

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

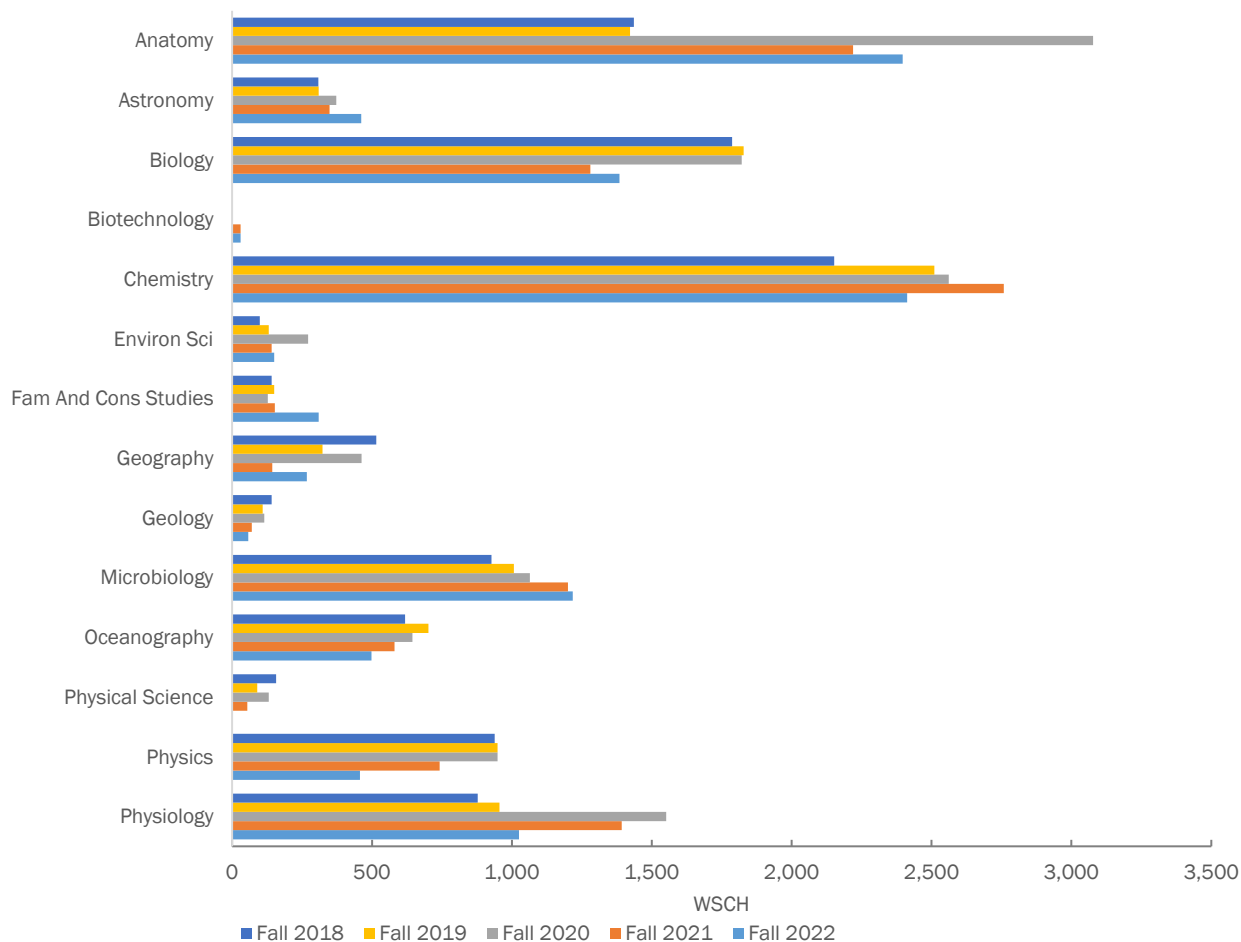


Table 4. 4 Science Division WSCH by Discipline, Fall Terms 2018-2022

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%
<b>Division Total</b>	<b>10,098.3</b>	<b>10,486.5</b>	<b>13,151.1</b>	<b>11,115.3</b>	<b>10,668.4</b>
<i>Annual % Change</i>		<b>4%</b>	<b>25%</b>	<b>-15%</b>	<b>-4%</b>

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

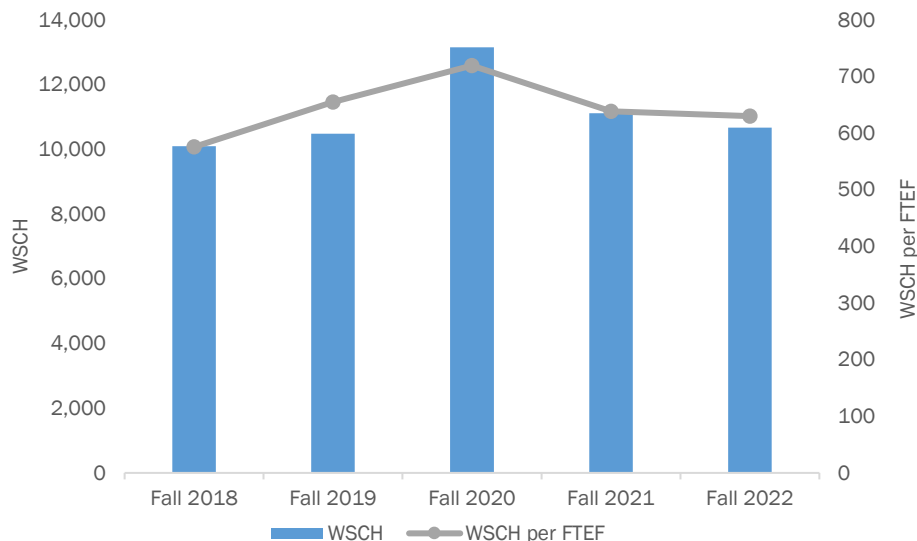


Table 4. 5 Science Division WSCH per FTEF by Discipline, Fall Terms 2018-2022

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

Source: PS LAC\_SRC\_SECTION\_LISTING\_INSTR query; LACCD Class Info and Grade Distribution file