

# Biology

## Student Demographic Information

Unduplicated Headcount <sup>1</sup>	2013-14		2014-15		2015-16		2016-17		2017-18	
	#	% Change	#	% Change	#	% Change	#	% Change	#	% Change
Bakersfield College	1,807	8%	1,856	3%	1,864	0%	2,038	9%	2,226	9%

Gender	Biology										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Female	1,215	67%	1,260	68%	1,281	69%	1,372	67%	1,508	68%	18,262	53%
Male	592	33%	596	32%	583	31%	655	32%	699	31%	15,740	46%
Not Reported							11	1%	19	1%	520	2%

Age	Biology										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
19 & Younger	378	21%	383	21%	393	21%	544	27%	595	27%	12,581	36%
20-29	1,190	66%	1,238	67%	1,222	66%	1,230	60%	1,359	61%	15,107	44%
30-39	183	10%	173	9%	182	10%	200	10%	203	9%	4,133	12%
40 & Older	56	3%	62	3%	67	4%	64	3%	69	3%	2,701	8%

Ethnicity	Biology										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
African American	43	2%	40	2%	52	3%	60	3%	55	2%	1,590	5%
American Indian	6	0%	2	0%	2	0%	4	0%	11	0%	142	0%
Asian/Filipino/Pac. Islander	133	7%	124	7%	128	7%	145	7%	180	8%	1,603	5%
Hispanic/ Latino	1,111	61%	1,253	68%	1,276	68%	1,357	67%	1,520	68%	23,214	67%
White	443	25%	377	20%	350	19%	407	20%	396	18%	6,715	19%
Two or More Races	71	4%	59	3%	56	3%	65	3%	64	3%	965	3%
Not Reported			1	0%							293	1%

Ed Plan Completion	Biology										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Abbreviated	1,050	58%	784	42%	552	30%	429	21%	369	17%	8,876	26%
Comprehensive	3	0%	77	4%	184	10%	266	13%	306	14%	3,390	10%
Both (Abbrev. and Comp.)	566	31%	875	47%	1,052	56%	1,208	59%	1,441	65%	12,165	35%
Other Ed Plan			2	0%	2	0%	2	0%				
Exempt							1	0%	2	0%	223	1%
FSEP											5	0%
No Ed Plan Completed	188	10%	118	6%	74	4%	132	6%	108	5%	9,858	29%
NSEP											5	0%

Completed Matriculation <sup>2</sup>	Biology										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Fully Matriculated	1,606	89%	1,727	93%	1,781	96%	1,900	93%	2,102	94%	23,332	68%

## Student Majors Information

Subject Majors <sup>3</sup>	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017	5-Year Average
Biology	431	396	433	491	558	462
Biology, Emphasis Human	275	318	367	416	404	356
Liberal Arts Transfer CVHEC	4	4		6	2	4
Liberal Arts/Math & Science	6	1	6	4	7	5

## Course Enrollments

Active Sections	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	91	91	93	99	107
<b>Total</b>	<b>91</b>	<b>91</b>	<b>93</b>	<b>99</b>	<b>107</b>

First Day Enrollment <sup>4</sup>	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	2,162	2,198	2,240	2,340	2,658
<b>Total</b>	<b>2,162</b>	<b>2,198</b>	<b>2,240</b>	<b>2,340</b>	<b>2,658</b>

Census Day Enrollment <sup>4</sup>	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	2,135	2,215	2,266	2,387	2,653
<b>Total</b>	<b>2,135</b>	<b>2,215</b>	<b>2,266</b>	<b>2,387</b>	<b>2,653</b>

Subject Students/Section <sup>5</sup>	Subject				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	23	24	24	24	25
<b>Total</b>	<b>23</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>25</b>

Collegewide Students/Section <sup>5</sup>	Collegewide				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	32	31	31	30	27
Distance Ed	46	51	51	47	43
<b>Total</b>	<b>33</b>	<b>32</b>	<b>32</b>	<b>31</b>	<b>29</b>

First Day Waitlist <sup>6</sup>	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	767	831	864	765	773
<b>Total</b>	<b>767</b>	<b>831</b>	<b>864</b>	<b>765</b>	<b>773</b>

## FTES, FTEF & Productivity

FTES <sup>7</sup>	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	491.9	511.8	530.1	555.1	618.1
<b>Total</b>	<b>491.9</b>	<b>511.8</b>	<b>530.1</b>	<b>555.1</b>	<b>618.1</b>

FTEF Workload <sup>7</sup>	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	32.6	33.3	34.7	36.5	39.8
<b>Total</b>	<b>32.6</b>	<b>33.3</b>	<b>34.7</b>	<b>36.5</b>	<b>39.8</b>

FTEF Workload By Contract Type	2013-14		2014-15		2015-16		2016-17		2017-18	
	#	%	#	%	#	%	#	%	#	%
1) Full-Time	21.1	65%	21.2	64%	23.9	69%	24.7	68%	26.2	66%
2) Overload	6.0	18%	7.1	21%	6.2	18%	6.3	17%	6.3	16%
3) Adjunct	2.9	9%	1.7	5%	1.7	5%	2.1	6%	4.4	11%
4) Summer	2.5	8%	3.3	10%	2.9	8%	3.3	9%	2.9	7%

Subject Productivity (FTES/FTEF) <sup>8</sup>	Subject				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	15.1	15.4	15.3	15.2	15.5
<b>Productivity (FTES/FTEF)</b>	<b>15.1</b>	<b>15.4</b>	<b>15.3</b>	<b>15.2</b>	<b>15.5</b>

Collegewide Productivity (FTES/FTEF) <sup>8</sup>	Collegewide				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	17.1	16.8	16.8	16.9	15.7
Distance Ed	23.6	25.8	24.8	22.7	19.8
Productivity (FTES/FTEF)	17.5	17.3	17.4	17.4	16.1

## Success & Retention Rates

Subject <sup>9</sup>	2013-14		2014-15		2015-16		2016-17		2017-18	
	Retention	Success	Retention	Success	Retention	Success	Retention	Success	Retention	Success
Traditional	88%	67%	88%	67%	88%	67%	90%	70%	90%	67%
<b>Total</b>	<b>88%</b>	<b>67%</b>	<b>88%</b>	<b>67%</b>	<b>88%</b>	<b>67%</b>	<b>90%</b>	<b>70%</b>	<b>90%</b>	<b>67%</b>

Collegewide <sup>9</sup>	2013-14		2014-15		2015-16		2016-17		2017-18	
	Retention	Success	Retention	Success	Retention	Success	Retention	Success	Retention	Success
Traditional	87%	70%	87%	70%	88%	71%	89%	72%	91%	74%
Distance Ed	77%	53%	79%	55%	80%	55%	84%	58%	86%	66%
<b>Total</b>	<b>86%</b>	<b>69%</b>	<b>86%</b>	<b>69%</b>	<b>87%</b>	<b>69%</b>	<b>89%</b>	<b>71%</b>	<b>90%</b>	<b>73%</b>

## Success & Retention Rates Disaggregated

Because of small numbers, the five years represented in this report were combined. Percentages shown in grey italics are from groups of less than 30 where overall results are more influenced by individual results.

Subject Overall Combined	Retention	Success
Biology	89%	68%

Collegewide Overall Combined	Retention	Success
Bakersfield College	88%	70%

Subject Gender	Retention	Success
Female	89%	67%
Male	89%	69%

Collegewide Gender	Retention	Success
Female	87%	70%
Male	88%	70%

Subject Age	Retention	Success
19 & Younger	89%	66%
20-29	89%	68%
30-39	88%	72%
40 & Older	85%	69%

Collegewide Age	Retention	Success
19 & Younger	88%	67%
20-29	87%	70%
30-39	88%	77%
40 & Older	88%	78%

Subject Ethnicity	Retention	Success
African American	85%	58%
American Indian	69%	58%
Asian/Filipino/Pac. Islander	91%	75%
Hispanic/ Latino	88%	64%
Two or More Races	87%	69%
White	91%	77%

Collegewide Ethnicity	Retention	Success
African American	79%	55%
American Indian	87%	72%
Asian/Filipino/Pac. Islander	91%	78%
Hispanic/ Latino	87%	68%
Two or More Races	85%	68%
White	89%	77%

Subject Ed Plan Completion	Retention	Success
Completed Student Ed Plan	89%	68%

Collegewide Ed Plan Completion	Retention	Success
Completed Student Ed Plan	88%	71%

Subject Fully Matriculated	Retention	Success
Fully Matriculated	89%	68%

Collegewide Fully Matriculated	Retention	Success
Fully Matriculated	88%	71%

## Student Awards

Awards by Type & Program <sup>10</sup>		2013-14	2014-15	2015-16	2016-17	2017-18	5-Year Total
AS	Biology	19	16	17	21	17	90
	Biology, Emphasis Human	48	39	53	62	128	330
	<b>Award Type Total</b>	<b>67</b>	<b>55</b>	<b>70</b>	<b>83</b>	<b>145</b>	<b>420</b>
AS-T	Biology				1	9	10
	<b>Award Type Total</b>				<b>1</b>	<b>9</b>	<b>10</b>
<b>Total Awards</b>		<b>67</b>	<b>55</b>	<b>70</b>	<b>84</b>	<b>154</b>	<b>430</b>

## Footnote Explanations

- 1 The Unduplicated Headcount is the number of students enrolled on census day, where each student is counted one time.
- 2 Fully matriculated is completing (or being exempt from) all matriculation components (Assessment, Orientation, Counseling, and Ed Plan).
- 3 When the same major is offered at another KCCD college, the student count includes students who selected their major at the other college but who attended this college. Only majors that students have declared are shown. An '\*\*' indicates that a Major does not exist in the 2017-18 college catalog.
- 4 Enrollments are reported on both First Day and Census Day. Each course a student is enrolled in is counted as one enrollment.
- 5 Students per Section is defined as census enrollments divided by active sections. Cross-listed sections are not combined.
- 6 Waitlisted Enrollments on First Day (determined by section start date) where each section a student is waitlisted in counts as one waitlisted enrollment.
- 7 Acronyms FTES and FTEF represent full-time equivalent students and full-time equivalent faculty (workload associated with sections taught) respectively.
- 8 FTES/FTEF: A measurement of productivity where the generally accepted target is 17.5.
- 9 Success rate numerator: Number of course enrollments with a successful passing grade (A,B,C,P).  
Retention rate numerator: Number of course enrollments retained through the semester (grade=A,B,C,P,D,F,NP,I).  
Success and Retention rate denominator: Number of enrollments retained (A,B,C,P,D,F,NP,I), and withdrawn (W).
- 10 Only programs with student awards will be shown. An '\*\*' indicates that the program major does not exist in 2017-18 college catalog.