

Chemistry

Student Demographic Information

Unduplicated Headcount ¹	2013-14		2014-15		2015-16		2016-17		2017-18	
	#	% Change	#	% Change	#	% Change	#	% Change	#	% Change
Bakersfield College	791	5%	759	-4%	899	18%	886	-1%	1,069	21%

Gender	Chemistry										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Female	476	60%	443	58%	491	55%	459	52%	631	59%	18,262	53%
Male	315	40%	316	42%	408	45%	420	47%	425	40%	15,740	46%
Not Reported							7	1%	13	1%	520	2%

Age	Chemistry										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
19 & Younger	179	23%	185	24%	211	23%	250	28%	313	29%	12,581	36%
20-29	502	63%	500	66%	607	68%	537	61%	625	58%	15,107	44%
30-39	82	10%	59	8%	65	7%	76	9%	100	9%	4,133	12%
40 & Older	28	4%	15	2%	16	2%	23	3%	31	3%	2,701	8%

Ethnicity	Chemistry										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
African American	25	3%	9	1%	18	2%	23	3%	30	3%	1,590	5%
American Indian			1	0%	2	0%	2	0%	6	1%	142	0%
Asian/Filipino/Pac. Islander	82	10%	73	10%	79	9%	104	12%	102	10%	1,603	5%
Hispanic/ Latino	467	59%	488	64%	603	67%	553	62%	705	66%	23,214	67%
White	185	23%	157	21%	171	19%	182	21%	189	18%	6,715	19%
Two or More Races	32	4%	31	4%	26	3%	22	2%	37	3%	965	3%
Not Reported											293	1%

Ed Plan Completion	Chemistry										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Abbreviated	409	52%	302	40%	226	25%	155	17%	152	14%	8,876	26%
Comprehensive	4	1%	17	2%	90	10%	126	14%	155	14%	3,390	10%
Both (Abbrev. and Comp.)	330	42%	419	55%	552	61%	575	65%	732	68%	12,165	35%
Exempt	1	0%					1	0%	1	0%	223	1%
FSEP											5	0%
No Ed Plan Completed	47	6%	21	3%	31	3%	29	3%	29	3%	9,858	29%
NSEP											5	0%

Completed Matriculation ²	Chemistry										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Fully Matriculated	742	94%	736	97%	866	96%	848	96%	1,034	97%	23,332	68%

Student Majors Information

Subject Majors ³	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017	5-Year Average
Chemistry	105	116	131	135	139	125
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	37	34	40	43	52
Total	37	34	40	43	52

First Day Enrollment ⁴	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	910	837	1,003	1,049	1,189
Total	910	837	1,003	1,049	1,189

Census Day Enrollment ⁴	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	916	875	1,033	1,055	1,227
Total	916	875	1,033	1,055	1,227

Subject Students/Section ⁵	Subject				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	25	26	26	25	24
Total	25	26	26	25	24

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

First Day Waitlist ⁶	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	348	392	402	432	342
Total	348	392	402	432	342

FTES, FTEF & Productivity

FTES ⁷	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	249.7	251.3	304.6	302.5	356.6
Total	249.7	251.3	304.6	302.5	356.6

FTEF Workload ⁷	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	16.7	16.6	20.1	20.8	25.8
Total	16.7	16.6	20.1	20.8	25.8

FTEF Workload By Contract Type	2013-14		2014-15		2015-16		2016-17		2017-18	
	#	%	#	%	#	%	#	%	#	%
1) Full-Time	8.5	51%	8.2	49%	13.0	65%	12.4	60%	19.1	74%
2) Overload	2.9	18%	3.0	18%	2.5	13%	4.3	21%	2.2	9%
3) Adjunct	3.6	22%	3.6	22%	2.4	12%	2.5	12%	2.4	9%
4) Summer	1.6	10%	1.8	11%	2.2	11%	1.6	8%	2.0	8%

Subject Productivity (FTES/FTEF) ⁸	Subject				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	15.0	15.1	15.1	14.5	13.8
Productivity (FTES/FTEF)	15.0	15.1	15.1	14.5	13.8

Collegewide Productivity (FTES/FTEF) ⁸	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 ⁹	2013-14		2014-15		2015-16		2016-17		2017-18	
	Retention	Success	Retention	Success	Retention	Success	Retention	Success	Retention	Success
Traditional	84%	60%	86%	71%	84%	69%	91%	72%	91%	70%
Total	84%	60%	86%	71%	84%	69%	91%	72%	91%	70%

Collegewide ⁹	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%
Total	86%	69%	86%	69%	87%	69%	89%	71%	90%	73%

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
Chemistry	87%	69%

Collegewide Overall Combined	Retention	Success
Bakersfield College	88%	70%

Subject Gender	Retention	Success
Female	87%	67%
Male	88%	71%

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

Subject Age	Retention	Success
19 & Younger	89%	72%
20-29	87%	68%
30-39	82%	68%
40 & Older	77%	60%

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	81%	60%
American Indian	100%	58%
Asian/Filipino/Pac. Islander	90%	79%
Hispanic/ Latino	87%	66%
Two or More Races	81%	67%
White	88%	75%

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	87%	69%

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

Subject Fully Matriculated	Retention	Success
Fully Matriculated	87%	69%

Collegewide Fully Matriculated	Retention	Success
Fully Matriculated	88%	71%

Student Awards

Awards by Type & Program ¹⁰		2013-14	2014-15	2015-16	2016-17	2017-18	5-Year Total
AS	Chemistry	2	3	4	5	2	16
	Award Type Total	2	3	4	5	2	16
AS-T	Chemistry				1	1	2
	Award Type Total				1	1	2
Total Awards		2	3	4	6	3	18

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.