



Success and Retention 2012/13 through 2016/17 Chemistry (CHEM)

Course Success and Retention Annually

	Enrollments	Success Count	Success Rate		Success Rate		Retention Count	Retention Rate		Retention Rate Diff
			Success Rate	Goal	Success Rate	Diff		Retention Rate	Goal	
2012/2013	691	511	74.0%	70%	4.0%	566	81.9%	84%	-2.1%	
2013/2014	728	527	72.4%	70%	2.4%	582	79.9%	84%	-4.1%	
2014/2015	642	500	77.9%	70%	7.9%	548	85.4%	84%	1.4%	
2015/2016	717	558	77.8%	70%	7.8%	616	85.9%	84%	1.9%	
2016/2017	729	581	79.7%	70%	9.7%	632	86.7%	84%	2.7%	

Course Success and Retention by Semester

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2012	285	198	69.5%	233	81.8%
Fall 2013	293	198	67.6%	219	74.7%
Fall 2014	244	176	72.1%	192	78.7%
Fall 2015	298	227	76.2%	253	84.9%
Fall 2016	326	255	78.2%	275	84.4%
Spring 2013	286	208	72.7%	220	76.9%
Spring 2014	299	217	72.6%	245	81.9%
Spring 2015	278	221	79.5%	244	87.8%
Spring 2016	310	243	78.4%	263	84.8%
Spring 2017	280	223	79.6%	247	88.2%
Summer 2012	120	105	87.5%	113	94.2%
Summer 2013	136	112	82.4%	118	86.8%
Summer 2014	120	103	85.8%	112	93.3%
Summer 2015	109	88	80.7%	100	91.7%
Summer 2016	123	103	83.7%	110	89.4%

Course Success and Retention by Ethnicity

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	American Indian/Alaskan Native	2	1	50.0%	2	100.0%
	Asian	85	72	84.7%	76	89.4%
	Black - Non-Hispanic	14	7	50.0%	11	78.6%
	Filipino	37	30	81.1%	32	86.5%
	Hispanic	144	94	65.3%	113	78.5%
	Multi Races	117	88	75.2%	95	81.2%
	Pacific Islander	13	8	61.5%	9	69.2%
	White Non-Hispanic	233	180	77.3%	193	82.8%
	Unknown	46	31	67.4%	35	76.1%
	Totals and Averages	691	511	74.0%	566	81.9%
2013/2014	Asian	85	79	92.9%	81	95.3%
	Black - Non-Hispanic	21	12	57.1%	15	71.4%
	Filipino	28	16	57.1%	20	71.4%
	Hispanic	191	121	63.4%	142	74.3%
	Multi Races	133	96	72.2%	107	80.5%
	Pacific Islander	12	9	75.0%	11	91.7%
	White Non-Hispanic	239	182	76.2%	194	81.2%
	Unknown	19	12	63.2%	12	63.2%
	Totals and Averages	728	527	72.4%	582	79.9%
2014/2015	American Indian/Alaskan Native	1	1	100.0%	1	100.0%
	Asian	95	83	87.4%	88	92.6%
	Black - Non-Hispanic	19	12	63.2%	16	84.2%
	Filipino	45	37	82.2%	39	86.7%
	Hispanic	167	112	67.1%	133	79.6%
	Multi Races	102	72	70.6%	81	79.4%
	Pacific Islander	8	7	87.5%	7	87.5%
	White Non-Hispanic	188	164	87.2%	170	90.4%
	Unknown	17	12	70.6%	13	76.5%
	Totals and Averages	642	500	77.9%	548	85.4%
2015/2016	Asian	137	115	83.9%	124	90.5%
	Black - Non-Hispanic	11	8	72.7%	8	72.7%
	Filipino	39	32	82.1%	35	89.7%
	Hispanic	156	99	63.5%	122	78.2%
	Multi Races	132	103	78.0%	112	84.8%

Course Success and Retention by Ethnicity

		Success		Retention		
		Headcount	Count	Success Rate	Count	Retention Rate
Pacific Islander		10	9	90.0%	9	90.0%
White Non-Hispanic		207	171	82.6%	184	88.9%
Unknown		25	21	84.0%	22	88.0%
Totals and Averages		717	558	77.8%	616	85.9%
2016/2017	Asian	137	128	93.4%	132	96.4%
	Black - Non-Hispanic	9	7	77.8%	7	77.8%
	Filipino	47	40	85.1%	42	89.4%
	Hispanic	175	123	70.3%	144	82.3%
	Multi Races	124	96	77.4%	110	88.7%
	Pacific Islander	7	2	28.6%	4	57.1%
	White Non-Hispanic	211	171	81.0%	177	83.9%
	Unknown	19	14	73.7%	16	84.2%
	Totals and Averages	729	581	79.7%	632	86.7%

Course Success and Retention by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Female	366	267	73.0%	298	81.4%
	Male	302	228	75.5%	252	83.4%
	Unreported	23	16	69.6%	16	69.6%
	Totals & Averages	691	511	74.0%	566	81.9%
2013/2014	Female	408	278	68.1%	312	76.5%
	Male	308	239	77.6%	260	84.4%
	Unreported	12	10	83.3%	10	83.3%
	Totals & Averages	728	527	72.4%	582	79.9%
2014/2015	Female	352	266	75.6%	293	83.2%
	Male	276	222	80.4%	242	87.7%
	Unreported	14	12	85.7%	13	92.9%
	Totals & Averages	642	500	77.9%	548	85.4%
2015/2016	Female	382	302	79.1%	328	85.9%
	Male	318	245	77.0%	276	86.8%
	Unreported	17	11	64.7%	12	70.6%
	Totals & Averages	717	558	77.8%	616	85.9%
2016/2017	Female	439	344	78.4%	378	86.1%
	Male	271	220	81.2%	236	87.1%
	Unreported	19	17	89.5%	18	94.7%
	Totals & Averages	729	581	79.7%	632	86.7%

Course Success and Retention by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Under 18	51	40	78.4%	50	98.0%
	Age 18-22	322	244	75.8%	264	82.0%
	Age 23-28	180	128	71.1%	144	80.0%
	Age 29-39	94	69	73.4%	74	78.7%
	Age 40-49	36	25	69.4%	27	75.0%
	Age 50-59	7	4	57.1%	6	85.7%
	Age 60+	1	1	100.0%	1	100.0%
	Totals & Averages	691	511	74.0%	566	81.9%
2013/2014	Under 18	46	43	93.5%	44	95.7%
	Age 18-22	363	252	69.4%	286	78.8%
	Age 23-28	194	136	70.1%	151	77.8%
	Age 29-39	99	80	80.8%	84	84.8%
	Age 40-49	21	13	61.9%	13	61.9%
	Age 50-59	5	3	60.0%	4	80.0%
	Totals & Averages	728	527	72.4%	582	79.9%
	2014/2015	Under 18	61	59	96.7%	60
Age 18-22		310	232	74.8%	263	84.8%
Age 23-28		164	124	75.6%	137	83.5%
Age 29-39		85	68	80.0%	70	82.4%
Age 40-49		18	14	77.8%	15	83.3%
Age 50-59		4	3	75.0%	3	75.0%
Totals & Averages		642	500	77.9%	548	85.4%
2015/2016		Under 18	57	51	89.5%	53
	Age 18-22	375	284	75.7%	323	86.1%
	Age 23-28	182	141	77.5%	153	84.1%
	Age 29-39	80	60	75.0%	65	81.3%
	Age 40-49	16	16	100.0%	16	100.0%
	Age 50-59	6	5	83.3%	5	83.3%
	Age 60+	1	1	100.0%	1	100.0%
	Totals & Averages	717	558	77.8%	616	85.9%
2016/2017	Under 18	70	60	85.7%	63	90.0%
	Age 18-22	416	331	79.6%	361	86.8%
	Age 23-28	166	124	74.7%	140	84.3%

Course Success and Retention by Age

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Age 29-39	59	49	83.1%	51	86.4%
Age 40-49	13	12	92.3%	12	92.3%
Age 50-59	4	4	100.0%	4	100.0%
Age 60+	1	1	100.0%	1	100.0%
Totals & Averages	729	581	79.7%	632	86.7%

Course Success and Retention by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate	
2012/2013	Continuing Student	507	374	73.8%	405	79.9%	
	Currently K-12	33	27	81.8%	31	93.9%	
		Middle College	23	16	69.6%	23	100.0%
	First-Time Student	16	12	75.0%	13	81.3%	
	First-Time Transfer Student	55	43	78.2%	49	89.1%	
	Returning Student	31	20	64.5%	23	74.2%	
	Returning Transfer Student	26	19	73.1%	22	84.6%	
	Totals & Averages	691	511	74.0%	566	81.9%	
2013/2014	Continuing Student	506	354	70.0%	397	78.5%	
	Currently K-12	29	27	93.1%	28	96.6%	
		Middle College	21	18	85.7%	18	85.7%
	First-Time Student	30	20	66.7%	22	73.3%	
	First-Time Transfer Student	57	48	84.2%	49	86.0%	
	Returning Student	47	33	70.2%	39	83.0%	
	Returning Transfer Student	38	27	71.1%	29	76.3%	
	Totals & Averages	728	527	72.4%	582	79.9%	
2014/2015	Continuing Student	464	351	75.6%	390	84.1%	
	Currently K-12	44	41	93.2%	42	95.5%	
		Middle College	19	18	94.7%	18	94.7%
	First-Time Student	21	17	81.0%	18	85.7%	
	First-Time Transfer Student	48	38	79.2%	42	87.5%	
	Returning Student	20	16	80.0%	17	85.0%	
	Returning Transfer Student	26	19	73.1%	21	80.8%	

Course Success and Retention by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Totals & Averages		642	500	77.9%	548	85.4%
2015/2016	Continuing Student	522	396	75.9%	443	84.9%
	Currently K-12	34	33	97.1%	33	97.1%
	Middle College	23	18	78.3%	20	87.0%
	First-Time Student	20	18	90.0%	19	95.0%
	First-Time Transfer Student	57	43	75.4%	48	84.2%
	Returning Student	27	22	81.5%	24	88.9%
	Returning Transfer Student	34	28	82.4%	29	85.3%
	Totals & Averages	717	558	77.8%	616	85.9%
2016/2017	Continuing Student	535	425	79.4%	463	86.5%
	Currently K-12	35	32	91.4%	33	94.3%
	Middle College	32	25	78.1%	27	84.4%
	First-Time Student	28	20	71.4%	23	82.1%
	First-Time Transfer Student	46	37	80.4%	41	89.1%
	Returning Student	24	20	83.3%	21	87.5%
	Returning Transfer Student	29	22	75.9%	24	82.8%
	Totals & Averages	729	581	79.7%	632	86.7%

Course Success and Retention by DE vs Non DE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Hybrid	63	42	66.7%	49	77.8%
	Not Online	600	453	75.5%	500	83.3%
	Web Assisted	28	16	57.1%	17	60.7%
	Totals & Averages	691	511	74.0%	566	81.9%
2013/2014	Hybrid	30	20	66.7%	21	70.0%
	Not Online	618	471	76.2%	513	83.0%
	Web Assisted	80	36	45.0%	48	60.0%
	Totals & Averages	728	527	72.4%	582	79.9%
2014/2015	Hybrid	32	23	71.9%	26	81.3%
	Not Online	595	470	79.0%	514	86.4%

Course Success and Retention by DE vs Non DE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Web Assisted	15	7	46.7%	8	53.3%
	Totals & Averages	642	500	77.9%	548	85.4%
2015/2016	Hybrid	30	25	83.3%	27	90.0%
	Not Online	687	533	77.6%	589	85.7%
	Totals & Averages	717	558	77.8%	616	85.9%
2016/2017	Not Online	729	581	79.7%	632	86.7%
	Totals & Averages	729	581	79.7%	632	86.7%

Course Success and Retention by CTE vs Non CTE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Not CTE	691	511	74.0%	566	81.9%
	Totals & Averages	691	511	74.0%	566	81.9%
2013/2014	Not CTE	728	527	72.4%	582	79.9%
	Totals & Averages	728	527	72.4%	582	79.9%
2014/2015	Not CTE	642	500	77.9%	548	85.4%
	Totals & Averages	642	500	77.9%	548	85.4%
2015/2016	Not CTE	717	558	77.8%	616	85.9%
	Totals & Averages	717	558	77.8%	616	85.9%
2016/2017	Not CTE	729	581	79.7%	632	86.7%
	Totals & Averages	729	581	79.7%	632	86.7%

Course Success and Retention by Basic Skills vs Non Basic Skills

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Non Basic Skills	691	511	74.0%	566	81.9%
	Totals & Averages	691	511	74.0%	566	81.9%
2013/2014	Non Basic Skills	728	527	72.4%	582	79.9%
	Totals & Averages	728	527	72.4%	582	79.9%
2014/2015	Non Basic Skills	642	500	77.9%	548	85.4%
	Totals & Averages	642	500	77.9%	548	85.4%
2015/2016	Non Basic Skills	717	558	77.8%	616	85.9%
	Totals & Averages	717	558	77.8%	616	85.9%
2016/2017	Non Basic Skills	729	581	79.7%	632	86.7%
	Totals & Averages	729	581	79.7%	632	86.7%

Course Success and Retention by Prior to College Level

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Not applicable	691	511	74.0%	566	81.9%
2013/2014	Not applicable	728	527	72.4%	582	79.9%
2014/2015	Not applicable	642	500	77.9%	548	85.4%
2015/2016	Not applicable	717	558	77.8%	616	85.9%
2016/2017	Not applicable	729	581	79.7%	632	86.7%

Course Success and Retention by Transfer vs Non Transfer

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Transferable	691	511	74.0%	566	81.9%
	Totals & Averages	691	511	74.0%	566	81.9%
2013/2014	Transferable	728	527	72.4%	582	79.9%
	Totals & Averages	728	527	72.4%	582	79.9%
2014/2015	Transferable	642	500	77.9%	548	85.4%
	Totals & Averages	642	500	77.9%	548	85.4%
2015/2016	Transferable	717	558	77.8%	616	85.9%
	Totals & Averages	717	558	77.8%	616	85.9%
2016/2017	Transferable	729	581	79.7%	632	86.7%
	Totals & Averages	729	581	79.7%	632	86.7%

Grade Distribution

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>F</u>	<u>Other</u>	<u>W</u>
Fall 2012	106	59	33	17	17	1	52
Fall 2013	92	64	42	5	16		74
Fall 2014	83	74	19	7	9		52
Fall 2015	99	98	30	8	18		45
Fall 2016	109	103	43	10	10		51
Spring 2013	109	61	38	4	8		66
Spring 2014	88	85	44	12	16		54
Spring 2015	97	78	46	9	14		34
Spring 2016	104	90	49	13	7		47
Spring 2017	100	85	38	16	7	1	33
Summer 2012	49	31	25	4	4		7
Summer 2013	60	36	16	3	3		18
Summer 2014	40	42	21	6	3		8
Summer 2015	45	28	15	9	3		9
Summer 2016	46	41	16	5	2		13

Course Success and Retention by Courses

				Headcount	Success	Success Rate	Retention	Retention Rate
Fall 2012	CHEM	192	Elementary Chemistry	55	35	63.6%	49	89.1%
		210	General Chemistry I	129	91	70.5%	100	77.5%
		220	General Chemistry II	30	23	76.7%	25	83.3%
		231	Organic Chemistry I	19	13	68.4%	17	89.5%
			Organic Chemistry I-Honors	3	3	100.0%	3	100.0%
		410	Chem For Health Sciences	45	30	66.7%	35	77.8%
		695	Independent Study	4	3	75.0%	4	100.0%
Fall 2013	CHEM	192	Elementary Chemistry	29	23	79.3%	26	89.7%
		210	General Chemistry I	150	87	58.0%	102	68.0%
			General Chemistry I-Honors	3	3	100.0%	3	100.0%
		220	General Chemistry II	29	25	86.2%	25	86.2%
		231	Organic Chemistry I	19	14	73.7%	16	84.2%
		410	Chem For Health Sciences	60	43	71.7%	44	73.3%
		695	Independent Study	3	3	100.0%	3	100.0%
Fall 2014	CHEM	192	Elementary Chemistry	59	46	78.0%	54	91.5%
		210	General Chemistry I	50	33	66.0%	35	70.0%
		220	General Chemistry II	47	39	83.0%	39	83.0%
		231	Organic Chemistry I	31	22	71.0%	22	71.0%
		410	Chem For Health Sciences	57	36	63.2%	42	73.7%
Fall 2015	CHEM	192	Elementary Chemistry	84	63	75.0%	72	85.7%
		210	General Chemistry I	76	54	71.1%	63	82.9%
		220	General Chemistry II	49	41	83.7%	41	83.7%
		231	Organic Chemistry 1 - HONORS	1	1	100.0%	1	100.0%
			Organic Chemistry I	26	21	80.8%	23	88.5%
			Organic Chemistry I - HONORS	1	1	100.0%	1	100.0%
		410	Chem For Health Sciences	61	46	75.4%	52	85.2%
Fall 2016	CHEM	192	Elementary Chemistry	57	40	70.2%	42	73.7%
		210	General Chemistry I	123	93	75.6%	102	82.9%
		220	General Chemistry II	50	45	90.0%	46	92.0%
		231	Organic Chemistry I	29	23	79.3%	26	89.7%
			Organic Chemistry I - HONORS	2	2	100.0%	2	100.0%
		410	Chem For Health Sciences	64	51	79.7%	56	87.5%

Course Success and Retention by Courses

			Headcount	Success	Success Rate	Retention	Retention Rate	
Spring 2013	CHEM	695	Independent Study	1	1	100.0%	1	100.0%
		192	Elementary Chemistry	36	28	77.8%	28	77.8%
		210	General Chemistry I	115	76	66.1%	81	70.4%
		220	General Chemistry II	54	43	79.6%	46	85.2%
		235	Organic Chemistry II	14	13	92.9%	14	100.0%
			Organic Chemistry II - Honors	4	4	100.0%	4	100.0%
		238	Organic Chemistry Lab II	13	13	100.0%	13	100.0%
		410	Chem For Health Sciences	18	12	66.7%	14	77.8%
			Chemistry for Health Sciences	28	16	57.1%	17	60.7%
Spring 2014	CHEM	695	Independent Study	4	3	75.0%	3	75.0%
		192	Elementary Chemistry	30	23	76.7%	25	83.3%
		210	General Chemistry I	124	81	65.3%	95	76.6%
		220	General Chemistry II	58	50	86.2%	52	89.7%
			General Chemistry II-Honors	1	1	100.0%	1	100.0%
		235	Organic Chemistry II	14	13	92.9%	14	100.0%
			Organic Chemistry II-Honors	1	1	100.0%	1	100.0%
		238	Organic Chemistry Lab II	16	16	100.0%	16	100.0%
		410	Chemistry for Health Sciences	55	32	58.2%	41	74.5%
Spring 2015	CHEM	192	Elementary Chemistry	96	74	77.1%	82	85.4%
		210	General Chemistry I	45	40	88.9%	42	93.3%
		220	General Chemistry II	51	44	86.3%	47	92.2%
		232	Organic Chemistry II	17	14	82.4%	15	88.2%
			Organic Chemistry II - HONORS	4	4	100.0%	4	100.0%
		410	Chem For Health Sciences	32	23	71.9%	26	81.3%
			Chemistry for Health Sciences	32	21	65.6%	27	84.4%
		695	Independent Study	1	1	100.0%	1	100.0%
		Spring 2016	CHEM	192	Elementary Chemistry	91	58	63.7%
210	General Chemistry I			73	60	82.2%	64	87.7%
220	General Chemistry II			54	47	87.0%	48	88.9%
232	Organic Chemistry II			19	15	78.9%	16	84.2%
	Organic Chemistry II - HONORS			9	9	100.0%	9	100.0%
410	Chem For Health Sciences			30	25	83.3%	27	90.0%
	Chemistry for Health Sciences			33	28	84.8%	28	84.8%
695	Independent Study			1	1	100.0%	1	100.0%
Spring 2017	CHEM			192	Elementary Chemistry	26	20	76.9%

Course Success and Retention by Courses

		Headcount	Success	Success Rate	Retention	Retention Rate	
	210	General Chemistry I	97	68	70.1%	75	77.3%
	220	General Chemistry II	64	58	90.6%	63	98.4%
	232	Organic Chemistry II	30	30	100.0%	30	100.0%
		Organic Chemistry II - HONORS	1	1	100.0%	1	100.0%
	410	Chem For Health Sciences	30	24	80.0%	27	90.0%
		Chemistry for Health Sciences	32	22	68.8%	29	90.6%
Summer 2012 CHEM	192	Elementary Chemistry	20	14	70.0%	19	95.0%
	210	General Chemistry I	33	30	90.9%	31	93.9%
	220	General Chemistry II	34	32	94.1%	32	94.1%
	410	Chem For Health Sciences	29	25	86.2%	27	93.1%
	695	Independent Study	4	4	100.0%	4	100.0%
Summer 2013 CHEM	192	Elementary Chemistry	35	32	91.4%	33	94.3%
	210	General Chemistry I	37	28	75.7%	30	81.1%
	220	General Chemistry II	33	33	100.0%	33	100.0%
	410	Chem For Health Sciences	28	16	57.1%	19	67.9%
	695	Independent Study	3	3	100.0%	3	100.0%
Summer 2014 CHEM	192	Elementary Chemistry	34	34	100.0%	34	100.0%
	210	General Chemistry I	32	24	75.0%	30	93.8%
	220	General Chemistry II	32	29	90.6%	31	96.9%
	410	Chem For Health Sciences	22	16	72.7%	17	77.3%
Summer 2015 CHEM	192	Elementary Chemistry	35	34	97.1%	35	100.0%
	210	General Chemistry I	16	10	62.5%	15	93.8%
	220	General Chemistry II	31	30	96.8%	30	96.8%
	410	Chem For Health Sciences	27	14	51.9%	20	74.1%
Summer 2016 CHEM	192	Elementary Chemistry	32	25	78.1%	27	84.4%
	210	General Chemistry I	29	25	86.2%	27	93.1%
	220	General Chemistry II	36	35	97.2%	36	100.0%
	410	Chem For Health Sciences	26	18	69.2%	20	76.9%