



Success and Retention 2009/10 through 2013/14

Chemistry Department (CHEM)

Annual Retention and Success

	Enrollments	Success Count	Success Rate	Success Rate Goal	Success Rate Diff	Retention Count	Retention Rate	Retention Rate Goal	Retention Rate Diff
2009/2010	569	443	78%	70%	8%	488	86%	84%	2%
2010/2011	578	451	78%	70%	8%	480	83%	84%	-1%
2011/2012	691	541	78%	70%	8%	582	84%	84%	0%
2012/2013	691	509	74%	70%	4%	567	82%	84%	-2%
2013/2014	728	526	72%	70%	2%	582	80%	84%	-4%

Retention and Success by Term

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2009	221	158	71%	179	81%
Fall 2010	229	157	69%	170	74%
Fall 2011	288	205	71%	229	80%
Fall 2012	285	197	69%	234	82%
Fall 2013	293	198	68%	219	75%
Spring 2010	243	187	77%	207	85%
Spring 2011	265	214	81%	229	86%
Spring 2012	282	222	79%	237	84%
Spring 2013	286	208	73%	220	77%
Spring 2014	299	217	73%	245	82%
Summer 2009	105	98	93%	102	97%
Summer 2010	84	80	95%	81	96%
Summer 2011	121	114	94%	116	96%
Summer 2012	120	104	87%	113	94%
Summer 2013	136	111	82%	118	87%
Total	3,257	2,470	76%	2,699	83%

Retention and Success by Ethnicity

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	African Am.	16	11	69%	13	81%
	Asian	104	89	86%	98	94%
	Filipino	35	25	71%	28	80%
	Hispanic	164	122	74%	139	85%
	Native Am.	2	2	100%	2	100%
	Unknown	82	64	78%	67	82%
	White	166	130	78%	141	85%
	Totals & Averages	569	443	78%	488	86%
2010/2011	African Am.	16	11	69%	12	75%
	Asian	120	107	89%	108	90%
	Filipino	43	35	81%	37	86%
	Hispanic	125	88	70%	93	74%
	Native Am.	1	1	100%	1	100%
	Unknown	115	89	77%	100	87%
	White	158	120	76%	129	82%
	Totals & Averages	578	451	78%	480	83%
2011/2012	African Am.	18	11	61%	14	78%
	Asian	122	108	89%	112	92%
	Filipino	52	41	79%	43	83%
	Hispanic	151	99	66%	115	76%
	Native Am.	3	2	67%	3	100%
	Unknown	137	105	77%	114	83%
	White	208	175	84%	181	87%
	Totals & Averages	691	541	78%	582	84%
2012/2013	African Am.	13	5	38%	10	77%
	Asian	99	81	82%	87	88%
	Filipino	43	36	84%	38	88%
	Hispanic	146	94	64%	115	79%
	Native Am.	4	1	25%	3	75%
	Unknown	143	104	73%	112	78%
	White	243	188	77%	202	83%
	Totals & Averages	691	509	74%	567	82%

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2013/2014	African Am.	22	12	55%	16	73%
	Asian	100	88	88%	93	93%
	Filipino	29	17	59%	21	72%
	Hispanic	190	119	63%	140	74%
	Unknown	146	108	74%	117	80%
	White	241	182	76%	195	81%
	Totals & Averages	728	526	72%	582	80%

Retention and Success by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Female	342	269	79%	298	87%
	Male	211	163	77%	179	85%
	Unreported	13	9	69%	9	69%
	Totals & Averages	566	441	78%	486	86%
2010/2011	Female	315	240	76%	259	82%
	Male	251	203	81%	213	85%
	Unreported	8	4	50%	4	50%
	Totals & Averages	574	447	78%	476	83%
2011/2012	Female	392	307	78%	325	83%
	Male	290	227	78%	249	86%
	Unreported	5	4	80%	5	100%
	Totals & Averages	687	538	78%	579	84%
2012/2013	Female	368	267	73%	300	82%
	Male	300	228	76%	253	84%
	Unreported	19	13	68%	13	68%
	Totals & Averages	687	508	74%	566	82%
2013/2014	Female	402	273	68%	307	76%
	Male	310	240	77%	261	84%
	Unreported	15	12	80%	13	87%
	Totals & Averages	727	525	72%	581	80%

Retention and Success by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Under 18	33	32	97%	32	97%
	Age 18-22	275	204	74%	234	85%
	Age 23-28	161	128	80%	137	85%
	Age 29-39	66	52	79%	58	88%
	Age 40-49	21	16	76%	16	76%
	Age 50-59	9	7	78%	7	78%
	Age 60+	4	4	100%	4	100%
	Totals & Averages	569	443	78%	488	86%
2010/2011	Under 18	40	36	90%	38	95%
	Age 18-22	268	210	78%	226	84%
	Age 23-28	172	131	76%	141	82%
	Age 29-39	64	46	72%	47	73%
	Age 40-49	25	21	84%	21	84%
	Age 50-59	7	6	86%	6	86%
	Age 60+	2	1	50%	1	50%
	Totals & Averages	578	451	78%	480	83%
2011/2012	Under 18	48	45	94%	45	94%
	Age 18-22	316	252	80%	269	85%
	Age 23-28	168	124	74%	138	82%
	Age 29-39	103	80	78%	87	84%
	Age 40-49	50	36	72%	39	78%
	Age 50-59	6	4	67%	4	67%
	Totals & Averages	691	541	78%	582	84%
	2012/2013	Under 18	55	41	75%	51
Age 18-22		319	242	76%	264	83%
Age 23-28		180	128	71%	145	81%
Age 29-39		93	68	73%	73	78%
Age 40-49		36	25	69%	27	75%
Age 50-59		7	4	57%	6	86%
Age 60+		1	1	100%	1	100%
Totals & Averages		691	509	74%	567	82%

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2013/2014	Under 18	47	44	94%	45	96%
	Age 18-22	362	251	69%	285	79%
	Age 23-28	194	136	70%	151	78%
	Age 29-39	99	80	81%	84	85%
	Age 40-49	21	12	57%	13	62%
	Age 50-59	5	3	60%	4	80%
	Totals & Averages	728	526	72%	582	80%

Retention and Success by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Continuing Student	354	258	73%	294	83%
	Currently K-12	28	27	96%	27	96%
	First-Time Student	21	18	86%	21	100%
	First-Time Transfer Student	87	76	87%	78	90%
	Returning Student	45	35	78%	37	82%
	Returning Transfer Student	34	29	85%	31	91%
2010/2011	Continuing Student	372	287	77%	302	81%
	Currently K-12	35	32	91%	34	97%
	First-Time Student	14	9	64%	10	71%
	First-Time Transfer Student	90	74	82%	78	87%
	Returning Student	39	30	77%	31	79%
	Returning Transfer Student	28	19	68%	25	89%
2011/2012	Continuing Student	514	393	76%	427	83%
	Currently K-12	38	36	95%	36	95%
	First-Time Student	16	15	94%	15	94%
	First-Time Transfer Student	55	47	85%	51	93%
	Returning Student	35	28	80%	30	86%
	Returning Transfer Student	33	22	67%	23	70%
2012/2013	Continuing Student	507	372	73%	406	80%

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Currently K-12	56	43	77%	54	96%
	First-Time Student	16	12	75%	13	81%
	First-Time Transfer Student	55	43	78%	49	89%
	Returning Student	31	20	65%	23	74%
	Returning Transfer Student	26	19	73%	22	85%
2013/2014	Continuing Student	506	353	70%	397	78%
	Currently K-12	50	45	90%	46	92%
	First-Time Student	30	20	67%	22	73%
	First-Time Transfer Student	57	48	84%	49	86%
	Returning Student	47	33	70%	39	83%
	Returning Transfer Student	38	27	71%	29	76%

Retention and Success by Day or Evening

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Day	520	412	79%	449	86%
	Evening	49	31	63%	39	80%
2010/2011	Day	486	386	79%	409	84%
	Evening	92	65	71%	71	77%
2011/2012	Day	601	489	81%	516	86%
	Evening	90	52	58%	66	73%
2012/2013	Day	583	446	77%	489	84%
	Evening	108	63	58%	78	72%
2013/2014	Day	618	470	76%	513	83%
	Evening	110	56	51%	69	63%

Retention and Success by Distance Ed Description

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Not Online	569	443	78%	488	86%
2010/2011	Not Online	578	451	78%	480	83%
2011/2012	Hybrid	27	12	44%	21	78%
	Not Online	637	513	81%	543	85%
	Web Assisted	27	16	59%	18	67%
2012/2013	Hybrid	63	42	67%	50	79%
	Not Online	600	451	75%	500	83%
	Web Assisted	28	16	57%	17	61%
2013/2014	Hybrid	30	20	67%	21	70%
	Not Online	618	470	76%	513	83%
	Web Assisted	80	36	45%	48	60%
Total		3,257	2,470	76%	2,699	83%

Retention and Success by Basic Skills Classification

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Non Basic SI	569	443	78%	488	86%
2010/2011	Non Basic SI	578	451	78%	480	83%
2011/2012	Non Basic SI	691	541	78%	582	84%
2012/2013	Non Basic SI	691	509	74%	567	82%
2013/2014	Non Basic SI	728	526	72%	582	80%
Total		3,257	2,470	76%	2,699	83%

Retention and Success CTE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Not CTE	569	443	78%	488	86%
2010/2011	Not CTE	578	451	78%	480	83%
2011/2012	Not CTE	691	541	78%	582	84%
2012/2013	Not CTE	691	509	74%	567	82%
2013/2014	Not CTE	728	526	72%	582	80%
Total		3,257	2,470	76%	2,699	83%

Retention and Success Transfer Level Courses

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Transferable	569	443	78%	488	86%
2010/2011	Transferable	578	451	78%	480	83%
2011/2012	Transferable	691	541	78%	582	84%
2012/2013	Transferable	691	509	74%	567	82%
2013/2014	Transferable	728	526	72%	582	80%
Total		3,257	2,470	76%	2,699	83%

Grade Distribution (Overall)

	<u>A</u>	<u>B</u>	<u>C</u>	D	F	<u>Other</u>	<u>W</u>
Fall 2009	80	56	22		11	10	42
Fall 2010	81	52	24		7	6	59
Fall 2011	81	88	36		10	14	59
Fall 2012	106	59	32		17	15	51
Fall 2013	92	64	42		5	16	74
Spring 2010	91	58	38		8	12	36
Spring 2011	105	66	43		3	12	36
Spring 2012	126	68	28		5	10	45
Spring 2013	109	61	38		4	8	66
Spring 2014	88	85	44		12	16	54
Summer 2009	45	41	12		1	3	3
Summer 2010	42	26	12		1		3
Summer 2011	58	37	19		2		5
Summer 2012	49	31	24		4	4	7
Summer 2013	60	36	15		3	3	18
Total	1213	828	429		93	129	7

Retention and Success by Course

				Headcount	Success	Success Rate	Retention	Retention Rate
Fall 2009	CHEM	192	Elementary Chemistry	24	16	67%	16	67%
		210	General Chemistry I	86	59	69%	70	81%
		234	Organic Chemistry I	20	17	85%	19	95%
			Organic Chemistry I - HONOR	12	11	92%	12	100%
		237	Organic Chem. Lab I - HONOF	8	8	100%	8	100%
			Organic Chemistry Lab I	16	14	88%	15	94%
		410	Chem For Health Sciences	53	31	58%	37	70%
	695	Independent Study	2	2	100%	2	100%	
Fall 2010	CHEM	192	Elementary Chemistry	31	24	77%	26	84%
		210	General Chemistry I	83	51	61%	57	69%
		234	Organic Chemistry I	33	23	70%	24	73%
			Organic Chemistry I - Honors	4	4	100%	4	100%
		237	Organic Chemistry Lab I	28	23	82%	23	82%
		410	Chem For Health Sciences	50	32	64%	36	72%
Fall 2011	CHEM	192	Elementary Chemistry	45	25	56%	29	64%
		210	General Chemistry I	88	70	80%	72	82%
		220	General Chemistry II	27	23	85%	24	89%
		234	Organic Chemistry I	35	25	71%	29	83%
			Organic Chemistry I - Honors	7	6	86%	7	100%
		237	Organic Chemistry Lab I	29	20	69%	23	79%
		410	Chem For Health Sciences	57	36	63%	45	79%
Fall 2012	CHEM	192	Elementary Chemistry	55	35	64%	49	89%
		210	General Chemistry I	129	90	70%	100	78%
		220	General Chemistry II	30	23	77%	25	83%
		231	Organic Chemistry I	19	13	68%	17	89%
			Organic Chemistry I-Honors	3	3	100%	3	100%
		410	Chem For Health Sciences	45	30	67%	36	80%
		695	Independent Study	4	3	75%	4	100%
Fall 2013	CHEM	192	Elementary Chemistry	29	23	79%	26	90%
		210	General Chemistry I	150	87	58%	102	68%
			General Chemistry I-Honors	3	3	100%	3	100%
		220	General Chemistry II	29	25	86%	25	86%
		231	Organic Chemistry I	19	14	74%	16	84%

			Headcount	Success	Success Rate	Retention	Retention Rate			
Spring 2010	CHEM	410	Chem For Health Sciences	60	43	72%	44	73%		
		695	Independent Study	3	3	100%	3	100%		
		192	Elementary Chemistry	39	25	64%	30	77%		
		210	General Chemistry I	65	49	75%	51	78%		
		220	General Chemistry II	32	27	84%	28	88%		
		235	Organic Chemistry II	19	17	89%	18	95%		
			Organic Chemistry II - HONOR	10	10	100%	10	100%		
		238	Organic Chem. Lab II - Honors	8	8	100%	8	100%		
			Organic Chemistry Lab II	18	16	89%	17	94%		
			410	Chemistry for Health Sciences	48	31	65%	41	85%	
Spring 2011	CHEM	695	Independent Study	2	2	100%	2	100%		
			Independent Study-Honors	2	2	100%	2	100%		
		192	Elementary Chemistry	35	29	83%	31	89%		
		210	General Chemistry I	84	60	71%	71	85%		
		220	General Chemistry II	51	41	80%	41	80%		
		235	Organic Chemistry II	25	23	92%	23	92%		
			Organic Chemistry II - Honors	5	5	100%	5	100%		
		238	Organic Chem. Lab II - Honors	3	3	100%	3	100%		
			Organic Chemistry Lab II	20	20	100%	20	100%		
			410	Chemistry for Health Sciences	42	33	79%	35	83%	
Spring 2012	CHEM	192	Elementary Chemistry	47	39	83%	40	85%		
		210	General Chemistry I	85	60	71%	68	80%		
		220	General Chemistry II	43	36	84%	38	88%		
		235	Organic Chemistry II	20	18	90%	18	90%		
			Organic Chemistry II - Honors	4	4	100%	4	100%		
		238	Organic Chemistry Lab II	24	23	96%	23	96%		
		410	Chemistry for Health Sciences	56	39	70%	43	77%		
		695	Independent Study	3	3	100%	3	100%		
		Spring 2013	CHEM	192	Elementary Chemistry	36	28	78%	28	78%
				210	General Chemistry I	115	76	66%	81	70%
220	General Chemistry II			54	43	80%	46	85%		
235	Organic Chemistry II			14	13	93%	14	100%		
	Organic Chemistry II - Honors			4	4	100%	4	100%		
238	Organic Chemistry Lab II			13	13	100%	13	100%		

			Headcount	Success	Success Rate	Retention	Retention Rate	
		410	Chem For Health Sciences	18	12	67%	14	78%
			Chemistry for Health Sciences	28	16	57%	17	61%
		695	Independent Study	4	3	75%	3	75%
Spring 2014	CHEM	192	Elementary Chemistry	30	23	77%	25	83%
		210	General Chemistry I	124	81	65%	95	77%
		220	General Chemistry II	59	51	86%	53	90%
		235	Organic Chemistry II	15	14	93%	15	100%
		238	Organic Chemistry Lab II	16	16	100%	16	100%
		410	Chemistry for Health Sciences	55	32	58%	41	75%
Summer 2009	CHEM	192	Elementary Chemistry	23	23	100%	23	100%
		210	General Chemistry I	29	29	100%	29	100%
		220	General Chemistry II	29	26	90%	28	97%
		410	Chem For Health Sciences	24	20	83%	22	92%
Summer 2010	CHEM	192	Elementary Chemistry	29	29	100%	29	100%
		210	General Chemistry I	34	33	97%	33	97%
		410	Chem For Health Sciences	21	18	86%	19	90%
Summer 2011	CHEM	192	Elementary Chemistry	32	28	88%	30	94%
		210	General Chemistry I	33	32	97%	32	97%
		220	General Chemistry II	29	29	100%	29	100%
		410	Chem For Health Sciences	27	25	93%	25	93%
Summer 2012	CHEM	192	Elementary Chemistry	20	14	70%	19	95%
		210	General Chemistry I	33	29	88%	31	94%
		220	General Chemistry II	34	32	94%	32	94%
		410	Chem For Health Sciences	29	25	86%	27	93%
		695	Independent Study	4	4	100%	4	100%
Summer 2013	CHEM	192	Elementary Chemistry	35	31	89%	33	94%
		210	General Chemistry I	37	28	76%	30	81%
		220	General Chemistry II	33	33	100%	33	100%
		410	Chem For Health Sciences	28	16	57%	19	68%
		695	Independent Study	3	3	100%	3	100%

