



Success and Retention 2009/10 through 2013/14 Biological Science Department (BIOL)

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	2,151	1,439	67%	70%	-3%	1,763	82%	84%	-2%
2010/2011	2,227	1,445	65%	70%	-5%	1,806	81%	84%	-3%
2011/2012	2,433	1,688	69%	70%	-1%	1,999	82%	84%	-2%
2012/2013	2,269	1,559	69%	70%	-1%	1,839	81%	84%	-3%
2013/2014	2,104	1,330	63%	70%	-7%	1,648	78%	84%	-6%

Retention and Success by Term

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2009	956	590	62%	749	78%
Fall 2010	991	649	65%	814	82%
Fall 2011	1,121	768	69%	896	80%
Fall 2012	1,009	668	66%	795	79%
Fall 2013	927	592	64%	741	80%
Spring 2010	901	616	68%	750	83%
Spring 2011	1,047	643	61%	821	78%
Spring 2012	1,051	710	68%	860	82%
Spring 2013	970	662	68%	779	80%
Spring 2014	848	542	64%	653	77%
Summer 2009	294	233	79%	264	90%
Summer 2010	189	153	81%	171	90%
Summer 2011	261	210	80%	243	93%
Summer 2012	290	229	79%	265	91%
Summer 2013	329	196	60%	254	77%
Total	11,184	7,461	67%	9,055	81%

Retention and Success by Ethnicity

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	African Am.	66	35	53%	46	70%
	Asian	310	240	77%	265	85%
	Filipino	171	124	73%	143	84%
	Hispanic	555	272	49%	409	74%
	Native Am.	7	5	71%	7	100%
	Unknown	287	207	72%	246	86%
	White	755	556	74%	647	86%
	Totals & Averages	2,151	1,439	67%	1,763	82%
2010/2011	African Am.	66	37	56%	52	79%
	Asian	340	247	73%	282	83%
	Filipino	161	117	73%	132	82%
	Hispanic	585	311	53%	449	77%
	Native Am.	5	3	60%	4	80%
	Unknown	333	217	65%	280	84%
	White	737	513	70%	607	82%
	Totals & Averages	2,227	1,445	65%	1,806	81%
2011/2012	African Am.	75	31	41%	53	71%
	Asian	266	224	84%	239	90%
	Filipino	173	129	75%	143	83%
	Hispanic	612	350	57%	479	78%
	Native Am.	9	5	56%	6	67%
	Unknown	419	308	74%	352	84%
	White	879	641	73%	727	83%
	Totals & Averages	2,433	1,688	69%	1,999	82%
2012/2013	African Am.	65	33	51%	49	75%
	Asian	291	225	77%	245	84%
	Filipino	152	105	69%	123	81%
	Hispanic	620	341	55%	465	75%
	Native Am.	7	5	71%	6	86%
	Unknown	400	293	73%	340	85%
	White	734	557	76%	611	83%
	Totals & Averages	2,269	1,559	69%	1,839	81%

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2013/2014	African Am.	79	38	48%	50	63%
	Asian	189	143	76%	159	84%
	Filipino	114	73	64%	88	77%
	Hispanic	661	354	54%	483	73%
	Native Am.	3	1	33%	2	67%
	Unknown	401	261	65%	331	83%
	White	657	460	70%	535	81%
	Totals & Averages	2,104	1,330	63%	1,648	78%

Retention and Success by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Female	1,499	1,028	69%	1,228	82%
	Male	607	384	63%	497	82%
	Unreported	34	22	65%	27	79%
	Totals & Averages	2,140	1,434	67%	1,752	82%
2010/2011	Female	1,559	1,040	67%	1,272	82%
	Male	621	372	60%	494	80%
	Unreported	32	23	72%	27	84%
	Totals & Averages	2,212	1,435	65%	1,793	81%
2011/2012	Female	1,624	1,155	71%	1,356	83%
	Male	763	498	65%	602	79%
	Unreported	29	21	72%	25	86%
	Totals & Averages	2,416	1,674	69%	1,983	82%
2012/2013	Female	1,511	1,054	70%	1,232	82%
	Male	734	489	67%	589	80%
	Unreported	19	14	74%	16	84%
	Totals & Averages	2,264	1,557	69%	1,837	81%
2013/2014	Female	1,402	885	63%	1,096	78%
	Male	660	418	63%	517	78%
	Unreported	38	24	63%	31	82%
	Totals & Averages	2,100	1,327	63%	1,644	78%

Retention and Success by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Under 18	65	41	63%	59	91%
	Age 18-22	812	440	54%	623	77%
	Age 23-28	639	476	74%	548	86%
	Age 29-39	425	331	78%	366	86%
	Age 40-49	136	101	74%	111	82%
	Age 50-59	60	40	67%	45	75%
	Age 60+	14	10	71%	11	79%
	Totals & Averages	2,151	1,439	67%	1,763	82%
2010/2011	Under 18	60	45	75%	56	93%
	Age 18-22	928	518	56%	738	80%
	Age 23-28	678	475	70%	547	81%
	Age 29-39	367	264	72%	300	82%
	Age 40-49	148	109	74%	127	86%
	Age 50-59	36	26	72%	29	81%
	Age 60+	10	8	80%	9	90%
	Totals & Averages	2,227	1,445	65%	1,806	81%
2011/2012	Under 18	92	69	75%	84	91%
	Age 18-22	1,036	650	63%	830	80%
	Age 23-28	687	491	71%	561	82%
	Age 29-39	424	322	76%	358	84%
	Age 40-49	135	110	81%	114	84%
	Age 50-59	52	40	77%	45	87%
	Age 60+	7	6	86%	7	100%
	Totals & Averages	2,433	1,688	69%	1,999	82%
2012/2013	Under 18	92	73	79%	87	95%
	Age 18-22	1,028	647	63%	807	79%
	Age 23-28	665	479	72%	550	83%
	Age 29-39	347	252	73%	279	80%
	Age 40-49	97	79	81%	85	88%
	Age 50-59	32	25	78%	26	81%
	Age 60+	8	4	50%	5	63%

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Totals & Averages	2,269	1,559	69%	1,839	81%
2013/2014	Under 18	87	70	80%	82	94%
	Age 18-22	983	568	58%	751	76%
	Age 23-28	562	367	65%	450	80%
	Age 29-39	325	226	70%	255	78%
	Age 40-49	106	70	66%	79	75%
	Age 50-59	33	23	70%	24	73%
	Age 60+	8	6	75%	7	88%
	Totals & Averages	2,104	1,330	63%	1,648	78%

Retention and Success by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Continuing Student	1,360	869	64%	1,093	80%
	Currently K-12	55	38	69%	50	91%
	First-Time Student	78	36	46%	57	73%
	First-Time Transfer Student	336	284	85%	314	93%
	Returning Student	170	102	60%	125	74%
	Returning Transfer Student	152	110	72%	124	82%
2010/2011	Continuing Student	1,537	961	63%	1,220	79%
	Currently K-12	59	46	78%	55	93%
	First-Time Student	58	31	53%	51	88%
	First-Time Transfer Student	291	216	74%	249	86%
	Returning Student	148	94	64%	121	82%
	Returning Transfer Student	134	97	72%	110	82%
2011/2012	Continuing Student	1,645	1,119	68%	1,338	81%
	Currently K-12	72	52	72%	66	92%
	First-Time Student	84	47	56%	58	69%
	First-Time Transfer Student	312	254	81%	276	88%
	Returning Student	174	114	66%	138	79%
	Returning Transfer Student	146	102	70%	123	84%
2012/2013	Continuing Student	1,501	999	67%	1,188	79%

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Currently K-12	97	75	77%	93	96%
	First-Time Student	55	36	65%	46	84%
	First-Time Transfer Student	298	230	77%	257	86%
	Returning Student	160	96	60%	120	75%
	Returning Transfer Student	158	123	78%	135	85%
2013/2014	Continuing Student	1,427	876	61%	1,101	77%
	Currently K-12	92	73	79%	86	93%
	First-Time Student	67	43	64%	55	82%
	First-Time Transfer Student	236	167	71%	192	81%
	Returning Student	156	96	62%	120	77%
	Returning Transfer Student	125	75	60%	94	75%

Retention and Success by Day or Evening

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Day	1,580	1,001	63%	1,258	80%
	Evening	571	438	77%	505	88%
2010/2011	Day	1,631	1,031	63%	1,322	81%
	Evening	596	414	69%	484	81%
2011/2012	Day	1,859	1,274	69%	1,529	82%
	Evening	574	414	72%	470	82%
2012/2013	Day	1,797	1,241	69%	1,465	82%
	Evening	472	318	67%	374	79%
2013/2014	Day	1,621	1,040	64%	1,275	79%
	Evening	483	290	60%	373	77%

Retention and Success by Distance Ed Description

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Hybrid	220	166	75%	186	85%
	Not Online	1,748	1,120	64%	1,411	81%
	Web Assisted	183	153	84%	166	91%
2010/2011	Not Online	1,812	1,121	62%	1,453	80%
	Web Assisted	415	324	78%	353	85%
2011/2012	Not Online	2,039	1,356	67%	1,642	81%
	Web Assisted	394	332	84%	357	91%
2012/2013	Hybrid	41	27	66%	32	78%
	Not Online	1,750	1,164	67%	1,396	80%
	Online	36	26	72%	31	86%
	Web Assisted	442	342	77%	380	86%
2013/2014	Hybrid	27	14	52%	20	74%
	Not Online	1,628	1,028	63%	1,262	78%
	Online	91	37	41%	64	70%
	Web Assisted	358	251	70%	302	84%
Total		11,184	7,461	67%	9,055	81%

Retention and Success by Basic Skills Classification

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Non Basic SI	2,151	1,439	67%	1,763	82%
2010/2011	Non Basic SI	2,227	1,445	65%	1,806	81%
2011/2012	Non Basic SI	2,433	1,688	69%	1,999	82%
2012/2013	Non Basic SI	2,269	1,559	69%	1,839	81%
2013/2014	Non Basic SI	2,104	1,330	63%	1,648	78%
Total		11,184	7,461	67%	9,055	81%

Retention and Success CTE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Not CTE	2,151	1,439	67%	1,763	82%
2010/2011	Not CTE	2,227	1,445	65%	1,806	81%
2011/2012	Not CTE	2,433	1,688	69%	1,999	82%
2012/2013	Not CTE	2,269	1,559	69%	1,839	81%
2013/2014	Not CTE	2,104	1,330	63%	1,648	78%
Total		11,184	7,461	67%	9,055	81%

Retention and Success Transfer Level Courses

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Transferable	2,151	1,439	67%	1,763	82%
2010/2011	Transferable	2,227	1,445	65%	1,806	81%
2011/2012	Transferable	2,433	1,688	69%	1,999	82%
2012/2013	Transferable	2,269	1,559	69%	1,839	81%
2013/2014	Transferable	2,104	1,330	63%	1,648	78%
Total		11,184	7,461	67%	9,055	81%

Grade Distribution (Overall)

	A	B	C	D	F	Other	W
Fall 2009	288	167	134	51	107	2	207
Fall 2010	327	202	120	39	125	1	177
Fall 2011	348	269	151	54	73	1	225
Fall 2012	277	255	135	55	69	4	214
Fall 2013	250	210	132	59	89	1	186
Spring 2010	311	190	115	58	76		151
Spring 2011	303	211	129	63	115		226
Spring 2012	315	241	153	50	95	6	191
Spring 2013	271	238	152	52	61	5	191
Spring 2014	216	199	127	34	73	4	195
Summer 2009	112	72	49	13	18		30
Summer 2010	68	54	31	4	14		18
Summer 2011	106	55	49	14	19		18
Summer 2012	103	92	34	15	17	4	25
Summer 2013	75	78	42	23	35	1	75
Total	3370	2533	1553	584	986	29	2129

Retention and Success by Course

				Headcount	Success	Success Rate	Retention	Retention Rate
Fall 2009	BIOL	100	Intro. to the Life Sciences	52	23	44%	36	69%
		103	Native Plants and Wildflowers	12	9	75%	11	92%
		110	Principles Of Biology	79	47	59%	64	81%
		130	Human Biology	144	68	47%	104	72%
		132	Human Biology Laboratory	12	4	33%	8	67%
		230	Introduction to Cell Biology	44	26	59%	30	68%
		240	General Microbiology	127	100	79%	106	83%
		250	Human Anatomy	177	102	58%	133	75%
		260	Human Physiology	149	118	79%	131	88%
		310	Nutrition	160	93	58%	126	79%
Fall 2010	BIOL	100	Intro. to the Life Sciences	44	14	32%	37	84%
		110	Principles Of Biology	78	46	59%	63	81%
		130	Human Biology	197	120	61%	168	85%
		132	Human Biology Laboratory	26	20	77%	22	85%
		230	Cell & Molecular Biology	45	29	64%	38	84%
		240	General Microbiology	121	97	80%	101	83%
		250	Human Anatomy	179	108	60%	127	71%
		260	Human Physiology	176	141	80%	154	88%
		310	Nutrition	125	74	59%	104	83%
Fall 2011	BIOL	100	Intro. to the Life Sciences	39	15	38%	24	62%
		110	Principles Of Biology	55	40	73%	45	82%
		130	Human Biology	199	120	60%	147	74%
			Human Biology - Honors	22	15	68%	18	82%
		132	Human Biology Laboratory	39	32	82%	33	85%
		225	Biology Of Organisms	20	18	90%	18	90%
		230	Cell & Molecular Biology	33	28	85%	31	94%
		240	General Microbiology	136	107	79%	115	85%
		250	Human Anatomy	201	121	60%	152	76%
		260	Human Physiology	173	147	85%	156	90%
			Human Physiology - Honors	1	1	100%	1	100%
		310	Nutrition	191	113	59%	145	76%
		380	Travel Study BIOL-Prep. Trip	7	7	100%	7	100%
	Travel Study-Prep. Trip-Honor:	5	4	80%	4	80%		

				Headcount	Success	Success Rate	Retention	Retention Rate
Fall 2012	BIOL	100	Intro. to the Life Sciences	40	19	48%	30	75%
		110	Principles Of Biology	87	56	64%	72	83%
		130	Human Biology	180	110	61%	143	79%
		132	Human Biology Laboratory	34	26	76%	29	85%
		225	Biology Of Organisms	25	23	92%	24	96%
		230	Cell & Molecular Biology	36	27	75%	29	81%
		240	General Microbiology	116	93	80%	97	84%
		250	Human Anatomy	181	99	55%	118	65%
		260	Human Physiology	181	139	77%	155	86%
		310	Nutrition	129	76	59%	98	76%
Fall 2013	BIOL	100	Intro. to the Life Sciences	47	31	66%	37	79%
		110	Principles Of Biology	79	53	67%	68	86%
		130	Human Biology	201	120	60%	167	83%
		132	Human Biology Laboratory	61	51	84%	58	95%
		225	Biology Of Organisms	25	22	88%	22	88%
			Biology Of Organisms-Honors	1	1	100%	1	100%
		230	Cell & Molecular Biology	25	19	76%	22	88%
		240	General Microbiology	93	73	78%	83	89%
		250	Human Anatomy	188	87	46%	116	62%
		260	Human Physiology	89	68	76%	78	88%
Spring 2010	BIOL	310	Nutrition	116	65	56%	87	75%
		695	Independent Study-Honors	2	2	100%	2	100%
		100	Intro To Life Sciences	39	16	41%	31	79%
		110	Principles Of Biology	50	30	60%	39	78%
		130	Human Biology	147	82	56%	119	81%
		132	Human Biology Laboratory	22	13	59%	14	64%
		225	Biology Of Organisms	31	31	100%	31	100%
		240	General Microbiology	129	103	80%	111	86%
		250	Human Anatomy	171	112	65%	135	79%
		260	Human Physiology	183	153	84%	166	91%
Spring 2011	BIOL	310	Nutrition	129	76	59%	104	81%
		100	Intro To Life Sciences	48	25	52%	36	75%
		103	Native Plants and Wildflowers	20	10	50%	17	85%
		110	Principles Of Biology	56	30	54%	38	68%

			Headcount	Success	Success Rate	Retention	Retention Rate	
		130	Human Biology	210	108	51%	155	74%
		132	Human Biology Laboratory	27	17	63%	24	89%
		225	Biology Of Organisms	33	25	76%	30	91%
		240	General Microbiology	131	101	77%	110	84%
		250	Human Anatomy	184	105	57%	139	76%
		260	Human Physiology	178	142	80%	153	86%
		310	Nutrition	160	80	50%	119	74%
Spring 2012	BIOL	100	Intro To Life Sciences	39	24	62%	30	77%
		103	Native Plants and Wildflowers	16	12	75%	14	88%
		110	Principles Of Biology	75	39	52%	52	69%
		130	Human Biology	196	132	67%	164	84%
			Human Biology - Honors	14	7	50%	10	71%
		132	Human Biology Laboratory	43	34	79%	37	86%
		225	Biology Of Organisms	28	25	89%	27	96%
		230	Cell and Molecular Biology	28	21	75%	22	79%
		240	General Microbiology	115	94	82%	99	86%
		250	Human Anatomy	141	84	60%	102	72%
			Human Anatomy - Honors	26	12	46%	18	69%
		260	Human Physiology	166	141	85%	153	92%
		310	Nutrition	154	77	50%	122	79%
		381	Travel Study in Biology	10	8	80%	10	100%
Spring 2013	BIOL	100	Intro To Life Sciences	45	37	82%	39	87%
		103	Native Plants and Wildflowers	14	9	64%	14	100%
		110	Principles Of Biology	57	37	65%	44	77%
		130	Human Biology	199	123	62%	163	82%
			Human Biology - Honors	9	7	78%	8	89%
		132	Human Biology Laboratory	32	24	75%	29	91%
		225	Biology Of Organisms	26	25	96%	25	96%
		230	Cell and Molecular Biology	23	17	74%	20	87%
		240	General Microbiology	110	93	85%	95	86%
		250	Human Anatomy	163	93	57%	113	69%
			Human Anatomy - Honors	15	8	53%	11	73%
		260	Human Physiology	133	111	83%	118	89%
			Intro to Physiology	13	10	77%	11	85%

				Headcount	Success	Success Rate	Retention	Retention Rate
		310	Nutrition	131	68	52%	89	68%
Spring 2014	BIOL	100	Intro To Life Sciences	46	21	46%	33	72%
		110	Principles Of Biology	62	38	61%	47	76%
		130	Human Biology	188	126	67%	156	83%
		132	Human Biology Laboratory	78	65	83%	66	85%
		225	Biology Of Organisms	19	18	95%	18	95%
		230	Cell and Molecular Biology	24	21	88%	22	92%
		240	General Microbiology	75	60	80%	61	81%
		250	Human Anatomy	172	73	42%	107	62%
		260	Human Physiology	63	52	83%	54	86%
		310	Nutrition	119	66	55%	87	73%
		695	Independent Study	2	2	100%	2	100%
Summer 2009	BIOL	110	Principles Of Biology	31	28	90%	31	100%
		130	Human Biology	70	57	81%	66	94%
		240	General Microbiology	22	21	95%	21	95%
		250	Human Anatomy	84	64	76%	74	88%
		260	Human Physiology	54	40	74%	42	78%
		310	Nutrition	33	23	70%	30	91%
Summer 2010	BIOL	110	Principles Of Biology	36	31	86%	34	94%
		130	Human Biology	44	35	80%	39	89%
		240	General Microbiology	32	30	94%	31	97%
		250	Human Anatomy	45	31	69%	39	87%
		260	Human Physiology	32	26	81%	28	88%
Summer 2011	BIOL	110	Principles Of Biology	23	12	52%	23	100%
		130	Human Biology	86	74	86%	82	95%
		240	General Microbiology	28	26	93%	28	100%
		250	Human Anatomy	51	41	80%	47	92%
		260	Human Physiology	28	25	89%	27	96%
		310	Nutrition	45	32	71%	36	80%
Summer 2012	BIOL	110	Principles Of Biology	28	22	79%	28	100%
		130	Human Biology	103	82	80%	94	91%
		240	General Microbiology	32	31	97%	32	100%
		250	Human Anatomy	60	43	72%	50	83%
		260	Human Physiology	28	28	100%	28	100%

			Headcount	Success	Success Rate	Retention	Retention Rate
		310					
			39	23	59%	33	85%
Summer	BIOL	110	28	14	50%	27	96%
2013		130	145	81	56%	116	80%
		240	27	22	81%	23	85%
		250	62	39	63%	41	66%
		260	28	22	79%	24	86%
		310	39	18	46%	23	59%

