



# Success and Retention 2009/10 through 2013/14 Earth Sciences (ENVS, GELO, METE, OCEN)

## Course Success and Retention Annually

	Enrollments	Success Count	Success Rate	Success Rate Goal	Success Rate Diff	Retention Count	Retention Rate	Retention Rate Goal	Retention Rate Diff
2009/2010	246	157	64%	70%	-6%	204	83%	84%	-1%
2010/2011	292	228	78%	70%	8%	264	90%	84%	6%
2011/2012	324	218	67%	70%	-3%	278	86%	84%	2%
2012/2013	461	290	63%	70%	-7%	381	83%	84%	-1%
<b>2013/2014</b>	429	313	73%	70%	3%	385	90%	84%	6%

## Course Success and Retention by Semester

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2009	115	69	60%	91	79%
Fall 2010	119	94	79%	107	90%
Fall 2011	135	97	72%	117	87%
Fall 2012	192	113	59%	151	79%
<u>Fall 2013</u>	166	126	76%	151	91%
Spring 2010	125	85	68%	109	87%
Spring 2011	173	134	77%	157	91%
Spring 2012	153	99	65%	128	84%
Spring 2013	190	130	68%	167	88%
<u>Spring 2014</u>	186	137	74%	166	89%
Summer 2009	6	3	50%	4	67%
Summer 2011	36	22	61%	33	92%
Summer 2012	79	47	59%	63	80%
Summer 2013	77	50	65%	68	88%
<b>Total</b>	1,752	1,206	69%	1,512	86%

## Course Success and Retention by Ethnicity

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	African Am.	11	4	<b>36%</b>	6	<b>55%</b>
	Asian	17	12	<b>71%</b>	15	<b>88%</b>
	Filipino	2	2	<b>100%</b>	2	<b>100%</b>
	Hispanic	94	52	<b>55%</b>	74	<b>79%</b>
	Unknown	25	16	<b>64%</b>	21	<b>84%</b>
	White	97	71	<b>73%</b>	86	<b>89%</b>
	<b>Totals &amp; Averages</b>	246	157	<b>64%</b>	204	<b>83%</b>
2010/2011	African Am.	7	3	<b>43%</b>	6	<b>86%</b>
	Asian	11	6	<b>55%</b>	10	<b>91%</b>
	Filipino	6	3	<b>50%</b>	6	<b>100%</b>
	Hispanic	97	75	<b>77%</b>	86	<b>89%</b>
	Unknown	45	37	<b>82%</b>	42	<b>93%</b>
	White	126	104	<b>83%</b>	114	<b>90%</b>
	<b>Totals &amp; Averages</b>	292	228	<b>78%</b>	264	<b>90%</b>
2011/2012	African Am.	9	3	<b>33%</b>	6	<b>67%</b>
	Asian	21	18	<b>86%</b>	19	<b>90%</b>
	Filipino	12	9	<b>75%</b>	11	<b>92%</b>
	Hispanic	91	56	<b>62%</b>	77	<b>85%</b>
	Native Am.	1	1	<b>100%</b>	1	<b>100%</b>
	Unknown	56	33	<b>59%</b>	47	<b>84%</b>
	White	134	98	<b>73%</b>	117	<b>87%</b>
<b>Totals &amp; Averages</b>	324	218	<b>67%</b>	278	<b>86%</b>	
2012/2013	African Am.	24	9	<b>38%</b>	19	<b>79%</b>
	Asian	27	20	<b>74%</b>	24	<b>89%</b>
	Filipino	12	6	<b>50%</b>	8	<b>67%</b>
	Hispanic	121	69	<b>57%</b>	99	<b>82%</b>
	Unknown	91	59	<b>65%</b>	73	<b>80%</b>
	White	186	127	<b>68%</b>	158	<b>85%</b>
	<b>Totals &amp; Averages</b>	461	290	<b>63%</b>	381	<b>83%</b>
2013/2014	African Am.	21	13	<b>62%</b>	21	<b>100%</b>
	Asian	29	26	<b>90%</b>	29	<b>100%</b>
	Filipino	19	14	<b>74%</b>	18	<b>95%</b>
	Hispanic	121	78	<b>64%</b>	99	<b>82%</b>

### Course Success and Retention by Ethnicity

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Native Am.	5	5	100%	5	100%
Unknown	90	65	72%	84	93%
White	144	112	78%	129	90%
<b>Totals &amp; Averages</b>	429	313	73%	385	90%

### Course Success and Retention by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Female	139	84	60%	115	83%
	Male	103	69	67%	85	83%
	Unreported	4	4	100%	4	100%
	<b>Totals &amp; Averages</b>	246	157	64%	204	83%
2010/2011	Female	147	116	79%	133	90%
	Male	142	109	77%	128	90%
	<b>Totals &amp; Averages</b>	289	225	78%	261	90%
2011/2012	Female	177	121	68%	154	87%
	Male	141	94	67%	118	84%
	Unreported	5	3	60%	5	100%
	<b>Totals &amp; Averages</b>	323	218	67%	277	86%
2012/2013	Female	253	173	68%	210	83%
	Male	199	111	56%	164	82%
	Unreported	9	6	67%	7	78%
	<b>Totals &amp; Averages</b>	461	290	63%	381	83%
2013/2014	Female	234	176	75%	208	89%
	Male	184	129	70%	168	91%
	Unreported	10	7	70%	8	80%
	<b>Totals &amp; Averages</b>	428	312	73%	384	90%

### Course Success and Retention by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2009/2010	Under 18	15	14	93%	15	100%
	Age 18-22	164	108	66%	138	84%
	Age 23-28	38	19	50%	29	76%
	Age 29-39	17	9	53%	13	76%
	Age 40-49	8	5	63%	6	75%
	Age 50-59	3	2	67%	2	67%
	Age 60+	1			1	100%
	<b>Totals &amp; Averages</b>	246	157	64%	204	83%
2010/2011	Under 18	8	7	88%	8	100%
	Age 18-22	167	137	82%	155	93%
	Age 23-28	64	45	70%	54	84%
	Age 29-39	36	26	72%	32	89%
	Age 40-49	10	9	90%	9	90%
	Age 50-59	5	3	60%	4	80%
	Age 60+	2	1	50%	2	100%
	<b>Totals &amp; Averages</b>	292	228	78%	264	90%
2011/2012	Under 18	9	8	89%	9	100%
	Age 18-22	183	133	73%	163	89%
	Age 23-28	69	40	58%	57	83%
	Age 29-39	36	21	58%	28	78%
	Age 40-49	14	7	50%	10	71%
	Age 50-59	6	5	83%	5	83%
	Age 60+	7	4	57%	6	86%
	<b>Totals &amp; Averages</b>	324	218	67%	278	86%
2012/2013	Under 18	19	15	79%	18	95%
	Age 18-22	237	143	60%	196	83%
	Age 23-28	93	61	66%	79	85%
	Age 29-39	65	45	69%	54	83%
	Age 40-49	27	13	48%	19	70%
	Age 50-59	11	9	82%	9	82%

### Course Success and Retention by Age

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Age 60+	9	4	44%	6	67%
<b>Totals &amp; Averages</b>	461	290	63%	381	83%
<b>2013/2014</b>					
Under 18	26	19	73%	24	92%
Age 18-22	248	183	74%	229	92%
Age 23-28	83	56	67%	69	83%
Age 29-39	45	35	78%	40	89%
Age 40-49	19	14	74%	17	89%
Age 50-59	7	6	86%	6	86%
Age 60+	1				
<b>Totals &amp; Averages</b>	429	313	73%	385	90%

### Course Success and Retention by Enrollment Status

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	Continuing Student	175	116	<b>66%</b>	148	<b>85%</b>
	Currently K-12	17	14	<b>82%</b>	15	<b>88%</b>
	First-Time Student	14	7	<b>50%</b>	11	<b>79%</b>
	First-Time Transfer Student	15	8	<b>53%</b>	13	<b>87%</b>
	Returning Student	13	6	<b>46%</b>	8	<b>62%</b>
	Returning Transfer Student	12	6	<b>50%</b>	9	<b>75%</b>
2010/2011	Continuing Student	233	182	<b>78%</b>	211	<b>91%</b>
	Currently K-12	5	4	<b>80%</b>	5	<b>100%</b>
	First-Time Student	15	11	<b>73%</b>	14	<b>93%</b>
	First-Time Transfer Student	8	7	<b>88%</b>	8	<b>100%</b>
	Returning Student	16	11	<b>69%</b>	12	<b>75%</b>
	Returning Transfer Student	15	13	<b>87%</b>	14	<b>93%</b>
2011/2012	Continuing Student	233	156	<b>67%</b>	197	<b>85%</b>
	Currently K-12	7	6	<b>86%</b>	7	<b>100%</b>
	First-Time Student	17	13	<b>76%</b>	16	<b>94%</b>
	First-Time Transfer Student	25	20	<b>80%</b>	24	<b>96%</b>
	Returning Student	23	13	<b>57%</b>	20	<b>87%</b>
	Returning Transfer Student	19	10	<b>53%</b>	14	<b>74%</b>
2012/2013	Continuing Student	328	213	<b>65%</b>	270	<b>82%</b>
	Currently K-12	20	16	<b>80%</b>	19	<b>95%</b>
	First-Time Student	19	10	<b>53%</b>	16	<b>84%</b>
	First-Time Transfer Student	44	23	<b>52%</b>	35	<b>80%</b>
	Returning Student	31	16	<b>52%</b>	25	<b>81%</b>
	Returning Transfer Student	19	12	<b>63%</b>	16	<b>84%</b>
<b>2013/2014</b>	Continuing Student	318	238	<b>75%</b>	282	<b>89%</b>
	Currently K-12	25	19	<b>76%</b>	23	<b>92%</b>
	First-Time Student	16	11	<b>69%</b>	16	<b>100%</b>
	First-Time Transfer Student	31	20	<b>65%</b>	26	<b>84%</b>
	Returning Student	23	15	<b>65%</b>	23	<b>100%</b>
	Returning Transfer Student	16	10	<b>63%</b>	15	<b>94%</b>

### Course Success and Retention by DE vs Non DE

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	Not Online	183	132	<b>72%</b>	155	<b>85%</b>
	Online	63	25	<b>40%</b>	49	<b>78%</b>
2010/2011	Hybrid	55	35	<b>64%</b>	48	<b>87%</b>
	Not Online	208	173	<b>83%</b>	189	<b>91%</b>
	Online	29	20	<b>69%</b>	27	<b>93%</b>
2011/2012	Hybrid	58	34	<b>59%</b>	50	<b>86%</b>
	Not Online	196	150	<b>77%</b>	173	<b>88%</b>
	Online	70	34	<b>49%</b>	55	<b>79%</b>
2012/2013	Not Online	259	173	<b>67%</b>	224	<b>86%</b>
	Online	202	117	<b>58%</b>	157	<b>78%</b>
<b>2013/2014</b>	Not Online	271	209	<b>77%</b>	249	<b>92%</b>
	Online	158	104	<b>66%</b>	136	<b>86%</b>
<b>Total</b>		1,752	1,206	<b>69%</b>	1,512	<b>86%</b>

### **Course Success and Retention by Basic Skills vs Non Basic Skill**

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	Non Basic SI	246	157	<b>64%</b>	204	<b>83%</b>
2010/2011	Non Basic SI	292	228	<b>78%</b>	264	<b>90%</b>
2011/2012	Non Basic SI	324	218	<b>67%</b>	278	<b>86%</b>
2012/2013	Non Basic SI	461	290	<b>63%</b>	381	<b>83%</b>
<b>2013/2014</b>	Non Basic SI	429	313	<b>73%</b>	385	<b>90%</b>
<b>Total</b>		1,752	1,206	<b>69%</b>	1,512	<b>86%</b>

### **Course Success and Retention by CTE vs Non CTE**

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	Not CTE	246	157	<b>64%</b>	204	<b>83%</b>
2010/2011	Not CTE	292	228	<b>78%</b>	264	<b>90%</b>
2011/2012	Not CTE	324	218	<b>67%</b>	278	<b>86%</b>
2012/2013	Not CTE	461	290	<b>63%</b>	381	<b>83%</b>
<b>2013/2014</b>	Not CTE	429	313	<b>73%</b>	385	<b>90%</b>
<b>Total</b>		1,752	1,206	<b>69%</b>	1,512	<b>86%</b>



### Course Success and Retention by Transfer vs Non Transfer

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	Transferable	246	157	<b>64%</b>	204	<b>83%</b>
2010/2011	Transferable	292	228	<b>78%</b>	264	<b>90%</b>
2011/2012	Transferable	324	218	<b>67%</b>	278	<b>86%</b>
2012/2013	Transferable	461	290	<b>63%</b>	381	<b>83%</b>
<b>2013/2014</b>	Transferable	429	313	<b>73%</b>	385	<b>90%</b>
<b>Total</b>		1,752	1,206	<b>69%</b>	1,512	<b>86%</b>

### Grade Distribution

	<b><u>A</u></b>	<b><u>B</u></b>	<b><u>C</u></b>	<b><u>D</u></b>	<b><u>F</u></b>	<b><u>Other</u></b>	<b><u>W</u></b>
Fall 2009	22	22	25	9	12	1	24
Fall 2010	27	26	40	4	9	1	12
Fall 2011	42	26	29	10	9	1	18
Fall 2012	40	40	30	16	21	4	41
<b>Fall 2013</b>	52	49	25	12	13		15
Spring 2010	23	27	35	11	12	1	16
Spring 2011	49	47	38	8	15		16
Spring 2012	32	39	27	8	19	3	25
Spring 2013	63	34	33	7	28	2	23
<b>Spring 2014</b>	53	44	40	9	20		20
Summer 2009		1	1		1	1	2
Summer 2011	15	5	1	3	8	1	3
Summer 2012	14	25	8	6	10		16
Summer 2013	35	11	4	2	15	1	9
<b>Total</b>	467	396	336	105	192	16	240

### Course Success and Retention by Priori to College Level

	<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2009/2010	246	157	<b>64%</b>	204	<b>83%</b>
2010/2011	Not applicable	292	<b>78%</b>	264	<b>90%</b>
2011/2012	Not applicable	324	<b>67%</b>	278	<b>86%</b>
2012/2013	Not applicable	461	<b>63%</b>	381	<b>83%</b>
<b>2013/2014</b>	Not applicable	429	<b>73%</b>	385	<b>90%</b>
<b>Total</b>	1,752	1,206	<b>69%</b>	1,512	<b>86%</b>

## Course Success and Retention by Courses

				<b>Headcount</b>	<b>Success</b>	<b>Success Rate</b>	<b>Retention</b>	<b>Retention Rate</b>
Fall 2009	GEOL	100	Survey of Geology	20	12	<b>60%</b>	14	<b>70%</b>
	OCEN	100	Oceanography	72	40	<b>56%</b>	59	<b>82%</b>
		101	Oceanography Lab	23	17	<b>74%</b>	18	<b>78%</b>
Fall 2010	GEOL	100	Introduction To Geology	34	27	<b>79%</b>	31	<b>91%</b>
		101	Geology Laboratory	14	11	<b>79%</b>	12	<b>86%</b>
	OCEN	100	Oceanography	71	56	<b>79%</b>	64	<b>90%</b>
Fall 2011	GEOL	100	Introduction To Geology	47	35	<b>74%</b>	40	<b>85%</b>
		101	Geology Laboratory	18	15	<b>83%</b>	15	<b>83%</b>
	OCEN	100	Oceanography	70	47	<b>67%</b>	62	<b>89%</b>
Fall 2012	GEOL	100	Introduction To Geology	40	17	<b>43%</b>	30	<b>75%</b>
			Survey of Geology	16	10	<b>63%</b>	15	<b>94%</b>
		101	Geology Laboratory	9	7	<b>78%</b>	8	<b>89%</b>
	METE	100	Elementary Meteorology	24	9	<b>38%</b>	18	<b>75%</b>
	OCEN	100	Oceanography	74	46	<b>62%</b>	55	<b>74%</b>
		101	Oceanography Lab	29	24	<b>83%</b>	25	<b>86%</b>
Fall 2013	GEOL	100	Introduction To Geology	27	16	<b>59%</b>	27	<b>100%</b>
			Introduction to Geology	22	13	<b>59%</b>	19	<b>86%</b>
		101	Geology Laboratory	14	13	<b>93%</b>	14	<b>100%</b>
	OCEN	100	Oceanography	72	54	<b>75%</b>	61	<b>85%</b>
		101	Oceanography Lab	31	30	<b>97%</b>	30	<b>97%</b>
Spring 2010	OCEN	100	Oceanography	96	58	<b>60%</b>	81	<b>84%</b>
		101	Oceanography Lab	29	27	<b>93%</b>	28	<b>97%</b>
Spring 2011	GEOL	100	Introduction to Geology	46	35	<b>76%</b>	39	<b>85%</b>
	METE	100	Meteorology -Weather Processes	24	14	<b>58%</b>	20	<b>83%</b>
	OCEN	100	Oceanography	70	52	<b>74%</b>	65	<b>93%</b>
		101	Oceanography Lab	33	33	<b>100%</b>	33	<b>100%</b>
Spring 2012	METE	100	Meteorology -Weather Processes	32	12	<b>38%</b>	23	<b>72%</b>
	OCEN	100	Oceanography	86	58	<b>67%</b>	74	<b>86%</b>
		101	Oceanography Lab	35	29	<b>83%</b>	31	<b>89%</b>
Spring 2013	ENVS	115	Environmental Science	14	7	<b>50%</b>	13	<b>93%</b>
	GEOL	100	Introduction to Geology	34	21	<b>62%</b>	28	<b>82%</b>
		101	Geology Laboratory	13	9	<b>69%</b>	12	<b>92%</b>
	METE	100	Meteorology -Weather Processes	28	17	<b>61%</b>	23	<b>82%</b>
	OCEN	100	Oceanography	77	57	<b>74%</b>	69	<b>90%</b>

## Course Success and Retention by Courses

				<b>Headcount</b>	<b>Success</b>	<b>Success Rate</b>	<b>Retention</b>	<b>Retention Rate</b>
		101	Oceanography Lab	24	19	<b>79%</b>	22	<b>92%</b>
Spring	ENVS	115	Environmental Science	18	12	<b>67%</b>	15	<b>83%</b>
2014	GEOL	100	Introduction to Geology	42	27	<b>64%</b>	39	<b>93%</b>
		101	Geology Laboratory	10	8	<b>80%</b>	8	<b>80%</b>
	OCEN	100	Oceanography	83	62	<b>75%</b>	73	<b>88%</b>
		101	Oceanography Lab	33	28	<b>85%</b>	31	<b>94%</b>
Summer 20	GEOL	100	Survey of Geology	6	3	<b>50%</b>	4	<b>67%</b>
Summer 20	OCEN	100	Oceanography	36	22	<b>61%</b>	33	<b>92%</b>
Summer 20	OCEN	100	Oceanography	79	47	<b>59%</b>	63	<b>80%</b>
Summer	GEOL	100	Survey of Geology	11	9	<b>82%</b>	9	<b>82%</b>
2013		101	Geology Laboratory	6	6	<b>100%</b>	6	<b>100%</b>
	OCEN	100	Oceanography	60	35	<b>58%</b>	53	<b>88%</b>