NSSE Survey 2004

Agriculture Majors Compared with All Other Majors

Statistical significance set to: p less than .01

Count

		Class Level		
		Junior	Senior	Total
Major	Agriculture	21	44	65
	Other Majors	2	505	507
Total		23	549	572

Crosstab

			Major		
			Agriculture	Other Majors	Total
clpresen Made a class presentation	Never	Count	11	9	20
		% within Major	16.9%	1.8%	3.5%
	Sometimes	Count	17	157	174
		% within Major	26.2%	31.0%	30.5%
	Often	Count	22	205	227
		% within Major	33.8%	40.5%	39.8%
	Very often	Count	15	135	150
		% within Major	23.1%	26.7%	26.3%
Total		Count	65	506	571
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	39.095[a]	3	**.000**
Likelihood Ratio	23.894	3	.000
Linear-by-Linear Association	6.967	1	.008
N of Valid Cases	571		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 2.28.

Crosstab

			Major		
			Agriculture	Other Majors	Total
divclass Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments	Never	Count	8	27	35
		% within Major	12.3%	5.4%	6.2%
	Sometimes	Count	27	172	199
		% within Major	41.5%	34.1%	35.0%
	Often	Count	25	177	202
		% within Major	38.5%	35.1%	35.5%
	Very often	Count	5	128	133
		% within Major	7.7%	25.4%	23.4%
Total		Count	65	504	569
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	13.328[a]	3	**.004**
Likelihood Ratio	14.800	3	.002
Linear-by-Linear Association	11.328	1	.001
N of Valid Cases	569		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 4.00.

Crosstab

			Major		
			Agriculture	Other Majors	Total
itacadem Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment	Never	Count	16	57	73
		% within Major	24.6%	11.3%	12.8%
	Sometimes	Count	14	132	146
		% within Major	21.5%	26.1%	25.6%
	Often	Count	19	123	142
		% within Major	29.2%	24.4%	24.9%
	Very often	Count	16	193	209
		% within Major	24.6%	38.2%	36.7%
Total		Count	65	505	570
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	11.919[a]	3	**.008**
Likelihood Ratio	10.772	3	.013
Linear-by-Linear Association	6.562	1	.010
N of Valid Cases	570		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 8.32.

Crosstab

			Major		Total
			Agriculture	Other Majors	
email Used e-mail to communicate with an instructor	Never	Count	7	7	14
		% within Major	10.8%	1.4%	2.4%
	Sometimes	Count	14	118	132
		% within Major	21.5%	23.3%	23.1%
	Often	Count	21	153	174
		% within Major	32.3%	30.2%	30.4%
	Very often	Count	23	229	252
		% within Major	35.4%	45.2%	44.1%
Total		Count	65	507	572
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	22.161[a]	3	**.000**
Likelihood Ratio	14.220	3	.003
Linear-by-Linear Association	5.567	1	.018
N of Valid Cases	572		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 1.59.

Crosstab

			Major		Total
			Agriculture	Other Majors	
facplans Talked about career plans with a faculty member or advisor	Never	Count	3	75	78
		% within Major	4.6%	14.8%	13.7%
	Sometimes	Count	24	230	254
		% within Major	36.9%	45.5%	44.5%
	Often	Count	21	133	154
		% within Major	32.3%	26.3%	27.0%
	Very often	Count	17	68	85
		% within Major	26.2%	13.4%	14.9%
Total		Count	65	506	571
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	12.366[a]	3	**.006**
Likelihood Ratio	12.712	3	.005
Linear-by-Linear Association	12.228	1	.000
N of Valid Cases	571		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 8.88.

Crosstab

			Major		
			Agriculture	Other Majors	Total
facother Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)	Never	Count	14	249	263
		% within Major	21.5%	49.2%	46.1%
	Sometimes	Count	22	153	175
		% within Major	33.8%	30.2%	30.6%
	Often	Count	16	66	82
		% within Major	24.6%	13.0%	14.4%
	Very often	Count	13	38	51
		% within Major	20.0%	7.5%	8.9%
Total		Count	65	506	571
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	25.252[a]	3	**.000**
Likelihood Ratio	24.224	3	.000
Linear-by-Linear Association	25.168	1	.000
N of Valid Cases	571		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.81.

Crosstab

			Major		
			Agriculture	Other Majors	Total
divrstud Had serious conversations with students of a different race or ethnicity than your own	Never	Count	18	46	64
		% within Major	27.7%	9.2%	11.3%
	Sometimes	Count	32	200	232
		% within Major	49.2%	39.9%	41.0%
	Often	Count	7	141	148
		% within Major	10.8%	28.1%	26.1%
	Very often	Count	8	114	122
		% within Major	12.3%	22.8%	21.6%
Total		Count	65	501	566
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	28.207[a]	3	**.000**
Likelihood Ratio	25.939	3	.000
Linear-by-Linear Association	20.552	1	.000
N of Valid Cases	566		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.35.

Crosstab

			Major		
			Agriculture	Other Majors	Total
memorize Coursework emphasized: MEMORIZING facts, ideas or methods from your courses and readings so you can repeat them in pretty much the same form	Very little	Count	1	27	28
		% within Major	1.5%	5.3%	4.9%
	Some	Count	9	152	161
		% within Major	13.8%	30.0%	28.1%
	Quite a bit	Count	28	195	223
		% within Major	43.1%	38.5%	39.0%
	Very much	Count	27	133	160
		% within Major	41.5%	26.2%	28.0%
Total		Count	65	507	572
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	12.156[a]	3	**.007**
Likelihood Ratio	13.231	3	.004
Linear-by-Linear Association	11.718	1	.001
N of Valid Cases	572		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 3.18.

Crosstab

			Major		
			Agriculture	Other Majors	Total
readown Number of books read on your own (not assigned) for personal enjoyment or academic enrichment	None	Count	29	115	144
		% within Major	44.6%	22.9%	25.4%
	Between 1 and 4	Count	25	281	306
		% within Major	38.5%	55.9%	53.9%
	Between 5 and 10	Count	7	67	74
		% within Major	10.8%	13.3%	13.0%
	Between 11 and 20	Count	3	23	26
		% within Major	4.6%	4.6%	4.6%
	More than 20	Count	1	17	18
		% within Major	1.5%	3.4%	3.2%
Total		Count	65	503	568
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	14.883[a]	4	**.005**
Likelihood Ratio	13.611	4	.009
Linear-by-Linear Association	5.993	1	.014
N of Valid Cases	568		

a. 2 cells (20.0%) have expected count less than 5. The minimum expected count is 2.06.

Crosstab

			Major		Total
			Agriculture	Other Majors	
intern Practicum, internship, field experience, co-op experience, or clinical assignment	Have not decided	Count	2	31	33
		% within Major	3.2%	6.1%	5.8%
	Do not plan to do	Count	5	71	76
		% within Major	8.1%	14.0%	13.4%
	Plan to do	Count	26	116	142
		% within Major	41.9%	22.9%	25.0%
	Done	Count	29	289	318
		% within Major	46.8%	57.0%	55.9%
Total		Count	62	507	569
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	11.326[a]	3	**.010**
Likelihood Ratio	10.527	3	.015
Linear-by-Linear Association	.015	1	.903
N of Valid Cases	569		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 3.60.

Crosstab

			Major		Total
			Agriculture	Other Majors	
research Work on a research project with a faculty member outside of course or program requirements	Have not decided	Count	12	90	102
		% within Major	18.5%	17.8%	17.9%
	Do not plan to do	Count	11	266	277
		% within Major	16.9%	52.6%	48.5%
	Plan to do	Count	17	53	70
		% within Major	26.2%	10.5%	12.3%
	Done	Count	25	97	122
		% within Major	38.5%	19.2%	21.4%
Total		Count	65	506	571
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	36.686[a]	3	**.000**
Likelihood Ratio	37.018	3	.000
Linear-by-Linear Association	16.220	1	.000
N of Valid Cases	571		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.97.

Crosstab

			Major		Total
			Agriculture	Other Majors	
envadm Quality: Your relationships with administrative personnel and offices	Unhelpful, Inconsiderate, Rigid	Count	0	7	7
		% within Major	.0%	1.4%	1.2%
	2	Count	0	25	25
		% within Major	.0%	5.0%	4.4%
	3	Count	6	35	41
		% within Major	9.4%	7.0%	7.2%
	4	Count	4	69	73
		% within Major	6.3%	13.7%	12.9%
	5	Count	14	125	139
		% within Major	21.9%	24.9%	24.5%
	6	Count	16	151	167
		% within Major	25.0%	30.0%	29.5%
	Helpful, Considerate, Flexible	Count	24	91	115
		% within Major	37.5%	18.1%	20.3%
Total		Count	64	503	567
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	18.225[a]	6	**.006**
Likelihood Ratio	20.478	6	.002
Linear-by-Linear Association	8.919	1	.003
N of Valid Cases	567		

a. 3 cells (21.4%) have expected count less than 5. The minimum expected count is .79.

Crosstab

			Major		Total
			Agriculture	Other Majors	
cocurr01 Hours per 7-day week spent participating in co-curricular activities (organizations, campus publications, student government, social fraternity or sorority, intercollegiate or intramural sports, etc.)	0	Count	19	248	267
		% within Major	29.7%	49.0%	46.8%
	1-5	Count	29	165	194
		% within Major	45.3%	32.6%	34.0%
	6-10	Count	15	31	46
		% within Major	23.4%	6.1%	8.1%
	11-15	Count	1	25	26
		% within Major	1.6%	4.9%	4.6%
	16-20	Count	0	10	10
		% within Major	.0%	2.0%	1.8%
	21-25	Count	0	12	12
		% within Major	.0%	2.4%	2.1%
	26-30	Count	0	5	5
		% within Major	.0%	1.0%	.9%
	More than 30	Count	0	10	10
		% within Major	.0%	2.0%	1.8%
Total		Count	64	506	570
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	34.421[a]	7	**.000**
Likelihood Ratio	33.165	7	.000
Linear-by-Linear Association	.015	1	.903
N of Valid Cases	570		

a. 6 cells (37.5%) have expected count less than 5. The minimum expected count is .56.

Crosstab

			Major		
			Agriculture	Other Majors	Total
envsuprt Institutional emphasis: Providing the support you need to help you succeed academically	Very little	Count	1	31	32
		% within Major	1.6%	6.2%	5.7%
	Some	Count	10	116	126
		% within Major	16.1%	23.1%	22.3%
	Quite a bit	Count	27	263	290
		% within Major	43.5%	52.4%	51.4%
	Very much	Count	24	92	116
		% within Major	38.7%	18.3%	20.6%
Total		Count	62	502	564
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	15.214[a]	3	**.002**
Likelihood Ratio	14.064	3	.003
Linear-by-Linear Association	11.480	1	.001
N of Valid Cases	564		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 3.52.

Crosstab

			Major		
			Agriculture	Other Majors	Total
envnacad Institutional emphasis: Helping you cope with your non-academic responsibilities (work, family, etc.)	Very little	Count	12	242	254
		% within Major	19.0%	48.1%	44.9%
	Some	Count	22	174	196
		% within Major	34.9%	34.6%	34.6%
	Quite a bit	Count	23	64	87
		% within Major	36.5%	12.7%	15.4%
	Very much	Count	6	23	29
		% within Major	9.5%	4.6%	5.1%
Total		Count	63	503	566
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	33.824[a]	3	**.000**
Likelihood Ratio	30.926	3	.000
Linear-by-Linear Association	28.568	1	.000
N of Valid Cases	566		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 3.23.

Crosstab

			Major		
			Agriculture	Other Majors	Total
envsocal Institutional emphasis: Providing the support you need to thrive socially	Very little	Count	7	148	155
		% within Major	11.1%	29.5%	27.4%
	Some	Count	28	208	236
		% within Major	44.4%	41.4%	41.8%
	Quite a bit	Count	20	112	132
		% within Major	31.7%	22.3%	23.4%
	Very much	Count	8	34	42
		% within Major	12.7%	6.8%	7.4%
Total		Count	63	502	565
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	11.784[a]	3	**.008**
Likelihood Ratio	12.963	3	.005
Linear-by-Linear Association	11.072	1	.001
N of Valid Cases	565		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 4.68.

Crosstab

			Major		
			Agriculture	Other Majors	Total
gncitizn Institutional contribution: Voting in local, state, or national elections	Very little	Count	15	195	210
		% within Major	23.8%	38.5%	36.9%
	Some	Count	22	194	216
		% within Major	34.9%	38.3%	38.0%
	Quite a bit	Count	21	72	93
		% within Major	33.3%	14.2%	16.3%
	Very much	Count	5	45	50
		% within Major	7.9%	8.9%	8.8%
Total		Count	63	506	569
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	16.034[a]	3	**.001**
Likelihood Ratio	13.925	3	.003
Linear-by-Linear Association	6.452	1	.011
N of Valid Cases	569		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.54.

Crosstab

			Major		
			Agriculture	Other Majors	Total
advise Overall, how would you evaluate the quality of academic advising you have received at your institution?	Poor	Count	0	28	28
		% within Major	.0%	5.5%	4.9%
	Fair	Count	2	113	115
		% within Major	3.1%	22.4%	20.2%
	Good	Count	24	241	265
		% within Major	37.5%	47.7%	46.6%
	Excellent	Count	38	123	161
		% within Major	59.4%	24.4%	28.3%
Total		Count	64	505	569
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	39.856[a]	3	**.000**
Likelihood Ratio	43.026	3	.000
Linear-by-Linear Association	35.537	1	.000
N of Valid Cases	569		

a. 1 cells (12.5%) have expected count less than 5. The minimum expected count is 3.15.

T-Test

Group Statistics

	Major	N	Mean	Std. Deviation	Std. Error Mean
age Age	Agriculture	65	23.22	2.678	.332
	Other Majors	504	26.32	7.643	.340

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Age	Equal variances assumed	19.838	**.000**	-3.247	567	.001	-3.104	.956	-4.982	-1.226
	Equal variances not assumed			-6.526	235.949	.000	-3.104	.476	-4.041	-2.167

Crosstab

			Major		Total
			Agriculture	Other Majors	
race Race/Ethnicity	African American/Black	Count	0	7	7
		% within Major	.0%	1.4%	1.3%
	American Indian/Alaska Native	Count	3	6	9
		% within Major	4.8%	1.2%	1.6%
	Asian/Pacific Islander	Count	1	38	39
		% within Major	1.6%	7.7%	7.1%
	White	Count	58	358	416
		% within Major	93.5%	72.9%	75.2%
	Hispanic	Count	0	36	36
		% within Major	.0%	7.3%	6.5%
	Other	Count	0	4	4
		% within Major	.0%	.8%	.7%
	Multi-racial/ethnic	Count	0	42	42
		% within Major	.0%	8.6%	7.6%
Total		Count	62	491	553
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	21.709[a]	6	**.001**
Likelihood Ratio	31.298	6	.000
Linear-by-Linear Association	5.439	1	.020
N of Valid Cases	553		

a. 7 cells (50.0%) have expected count less than 5. The minimum expected count is .45.

Crosstab

			Major		
			Agriculture	Other Majors	Total
enrlment Thinking about this current academic term, how would you characterize your enrollment?	Less than full-time	Count	2	73	75
		% within Major	3.1%	14.4%	13.1%
	Full-time	Count	63	433	496
		% within Major	96.9%	85.6%	86.9%
Total		Count	65	506	571
		% within Major	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	6.503[b]	1	.011		
Continuity Correction[a]	5.547	1	.019		
Likelihood Ratio	8.720	1	.003		
Fisher's Exact Test				.010	**.004**
Linear-by-Linear Association	6.492	1	.011		
N of Valid Cases	571				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 8.54.