
Retention / Attrition Analysis

SOUTHERN ARKANSAS UNIVERSITY

Code: 0142

Fall 2017 Freshmen Fall 2018 2nd Year



High School GPA	College GPA																	
	3.5-4.0 or higher			3.0-3.4			2.5-2.9			2.0-2.4			Less Than 2.0			Total		
	N	%	ACT Avg	N	%	ACT Avg	N	%	ACT Avg	N	%	ACT Avg	N	%	ACT Avg	N	%	ACT Avg
Enrolled Freshmen Fall 2017-2018																		
3.50-4.00	152	19%	23.8	95	12%	22.3	50	6%	21.3	19	2%	21.9	38	5%	21.8	354	44%	22.7
3.00-3.49	42	5%	22.0	60	8%	20.1	47	6%	20.4	48	6%	19.6	28	4%	19.5	225	28%	20.3
2.50-2.99	7	1%	20.4	23	3%	19.5	23	3%	19.7	20	3%	19.7	38	5%	20.5	111	14%	20.0
2.00-2.49	3	0%	18.0	5	1%	19.4	4	1%	17.5	5	1%	17.8	15	2%	20.4	32	4%	19.3
Less Than 2.00	1	0%	17.0	0	0%	0.0	1	0%	30.0	0	0%	0.0	6	1%	20.2	8	1%	21.0
Total	222	28%	23.0	193	24%	21.1	140	18%	20.4	102	13%	19.8	140	18%	20.6	797	100%	21.2
Enrolled 2nd Year Fall 2018-2019																		
3.50-4.00	131	25%	24.3	75	14%	22.5	42	8%	21.4	8	2%	22.1	9	2%	21.2	265	50%	23.2
3.00-3.49	40	8%	21.9	42	8%	20.5	38	7%	20.4	27	5%	19.7	8	2%	18.8	155	29%	20.6
2.50-2.99	6	1%	21.0	17	3%	19.3	12	2%	20.1	11	2%	20.0	9	2%	20.8	55	10%	20.0
2.00-2.49	3	1%	18.0	3	1%	17.7	3	1%	16.3	4	1%	18.8	3	1%	18.0	16	3%	17.8
Less Than 2.00	1	0%	17.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	0	0%	0.0	1	0%	17.0
Total	192	36%	23.4	144	27%	21.3	107	20%	20.4	56	11%	19.9	31	6%	20.1	530	100%	21.7
Nonreturning																		
3.50-4.00	21	8%	20.8	20	7%	21.6	8	3%	20.8	11	4%	21.7	29	11%	22.0	89	33%	21.5
3.00-3.49	2	1%	23.5	18	7%	19.1	9	3%	20.4	21	8%	19.5	20	7%	19.9	70	26%	19.7
2.50-2.99	1	0%	17.0	6	2%	20.2	11	4%	19.2	9	3%	19.3	29	11%	20.4	56	21%	19.9
2.00-2.49	0	0%	0.0	2	1%	22.0	1	0%	21.0	1	0%	14.0	12	4%	21.0	16	6%	20.7
Less Than 2.00	0	0%	0.0	0	0%	0.0	1	0%	30.0	0	0%	0.0	6	2%	20.2	7	3%	21.6
Total	30	11%	20.4	49	18%	20.3	33	12%	20.5	46	17%	19.7	109	41%	20.7	267	100%	20.4

Table 1A (Student Counts and ACT Averages)
Retention / Attrition Analysis
Academic Characteristics
2nd Year Returning Students

Variable	Enrolled Freshmen Fall 2017-2018						Enrolled in 2nd Year Fall 2018-2019						Nonreturning					
	Total		Core		Less than core		Total		Core		Less than core		Total		Core		Less than core	
	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg
Total	797	21.2	699	21.5	72	19.6	530	21.7	470	22.0	42	19.7	267	20.4	229	20.6	30	19.6
Male	392	21.7	346	21.9	32	19.5	249	21.9	224	22.2	15	19.2	143	21.2	122	21.5	17	19.8
Female	405	20.8	353	21.1	40	19.7	281	21.4	246	21.7	27	20.0	124	19.5	107	19.6	13	19.2
Freshman GPA																		
3.5-4.0 or higher	222	23.0	200	23.3	13	21.8	192	23.4	171	23.7	13	21.8	30	20.4	29	20.7	0	0.0
3.0-3.4	193	21.1	172	21.2	16	20.5	144	21.3	129	21.4	12	21.1	49	20.3	43	20.5	4	18.8
2.5-2.9	140	20.4	124	20.8	10	18.1	107	20.4	94	20.8	8	17.8	33	20.5	30	20.7	2	19.5
2.0-2.4	102	19.8	87	20.1	13	18.1	56	19.9	49	20.3	6	16.8	46	19.7	38	19.8	7	19.1
less than 2.0	140	20.6	116	20.9	20	19.3	31	20.1	27	20.6	3	15.7	109	20.7	89	20.9	17	19.9
Rank in H.S. Class																		
Top Quarter	332	23.0	316	23.1	16	22.0	258	23.4	245	23.6	13	21.5	74	21.6	71	21.5	3	24.3
2nd Quarter	261	20.5	234	20.6	27	19.4	153	20.4	139	20.6	14	18.8	108	20.5	95	20.5	13	20.2
Bottom Half	134	19.0	111	19.1	23	18.5	74	18.8	63	18.9	11	18.6	60	19.1	48	19.4	12	18.3
H.S. GPA																		
3.5-4.0	354	22.7	333	22.8	21	22.4	265	23.2	247	23.3	18	21.9	89	21.5	86	21.3	3	25.3
3.0-3.4	225	20.3	204	20.5	21	18.7	155	20.6	142	20.8	13	18.6	70	19.7	62	19.9	8	18.8
2.5-2.9	111	20.0	94	20.2	17	18.5	55	20.0	49	20.5	6	16.5	56	19.9	45	20.0	11	19.6
2.0-2.4	32	19.3	26	19.2	6	19.3	16	17.8	13	17.7	3	18.3	16	20.7	13	20.8	3	20.3
less than 2.0	8	21.0	7	21.4	1	18.0	1	17.0	1	17.0	0	0.0	7	21.6	6	22.2	1	18.0
Score Ranges																		
33-36	5	33.2	4	33.0	0	0.0	5	33.2	4	33.0	0	0.0	0	0.0	0	0.0	0	0.0
28-32	51	29.2	48	29.2	3	29.0	39	29.1	38	29.2	1	28.0	12	29.3	10	29.2	2	29.5
24-27	182	25.3	169	25.3	11	25.5	135	25.3	127	25.3	7	25.3	47	25.3	42	25.2	4	25.8
20-23	265	21.4	243	21.4	18	21.1	175	21.4	158	21.4	14	21.3	90	21.4	85	21.4	4	20.5
16-19	239	17.6	196	17.7	30	17.3	148	17.7	126	17.7	12	17.3	91	17.5	70	17.6	18	17.4
1-15	55	14.4	39	14.4	10	14.7	28	14.6	17	14.6	8	14.6	27	14.3	22	14.3	2	15.0

Table 1B (Student Counts and Percentages)
Retention / Attrition Analysis
Academic Characteristics
2nd Year Returning Students

Variable	Enrolled Freshmen Fall 2017-2018						Enrolled in 2nd Year Fall 2018-2019						Nonreturning					
	Total		Core		Less than core		Total		Core		Less than core		Total		Core		Less than core	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Total	797	100%	699	88%	72	9%	530	66%	470	89%	42	8%	267	34%	229	86%	30	11%
Male	392	49%	346	88%	32	8%	249	47%	224	90%	15	6%	143	54%	122	85%	17	12%
Female	405	51%	353	87%	40	10%	281	53%	246	88%	27	10%	124	46%	107	86%	13	10%
Freshman GPA																		
3.5-4.0 or higher	222	28%	200	90%	13	6%	192	36%	171	89%	13	7%	30	11%	29	97%	0	0%
3.0-3.4	193	24%	172	89%	16	8%	144	27%	129	90%	12	8%	49	18%	43	88%	4	8%
2.5-2.9	140	18%	124	89%	10	7%	107	20%	94	88%	8	7%	33	12%	30	91%	2	6%
2.0-2.4	102	13%	87	85%	13	13%	56	11%	49	88%	6	11%	46	17%	38	83%	7	15%
less than 2.0	140	18%	116	83%	20	14%	31	6%	27	87%	3	10%	109	41%	89	82%	17	16%
Rank in H.S. Class																		
Top Quarter	332	42%	316	95%	16	5%	258	49%	245	95%	13	5%	74	28%	71	96%	3	4%
2nd Quarter	261	33%	234	90%	27	10%	153	29%	139	91%	14	9%	108	40%	95	88%	13	12%
Bottom Half	134	17%	111	83%	23	17%	74	14%	63	85%	11	15%	60	22%	48	80%	12	20%
H.S. GPA																		
3.5-4.0	354	44%	333	94%	21	6%	265	50%	247	93%	18	7%	89	33%	86	97%	3	3%
3.0-3.4	225	28%	204	91%	21	9%	155	29%	142	92%	13	8%	70	26%	62	89%	8	11%
2.5-2.9	111	14%	94	85%	17	15%	55	10%	49	89%	6	11%	56	21%	45	80%	11	20%
2.0-2.4	32	4%	26	81%	6	19%	16	3%	13	81%	3	19%	16	6%	13	81%	3	19%
less than 2.0	8	1%	7	88%	1	13%	1	0%	1	100%	0	0%	7	3%	6	86%	1	14%
Score Ranges																		
33-36	5	1%	4	80%	0	0%	5	1%	4	80%	0	0%	0	0%	0	0%	0	0%
28-32	51	6%	48	94%	3	6%	39	7%	38	97%	1	3%	12	4%	10	83%	2	17%
24-27	182	23%	169	93%	11	6%	135	25%	127	94%	7	5%	47	18%	42	89%	4	9%
20-23	265	33%	243	92%	18	7%	175	33%	158	90%	14	8%	90	34%	85	94%	4	4%
16-19	239	30%	196	82%	30	13%	148	28%	126	85%	12	8%	91	34%	70	77%	18	20%
1-15	55	7%	39	71%	10	18%	28	5%	17	61%	8	29%	27	10%	22	81%	2	7%

Table 2A (Student Counts and ACT Averages)
Retention / Attrition Analysis
Demographic Data & College Choices
2nd Year Returning Students

Variable	Enrolled Freshmen Fall 2017-2018						Enrolled in 2nd Year Fall 2018-2019						Nonreturning					
	Total		Core		Less than core		Total		Core		Less than core		Total		Core		Less than core	
	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg	N	Avg
Total	797	21.2	699	21.5	72	19.6	530	21.7	470	22.0	42	19.7	267	20.4	229	20.6	30	19.6
College Choices																		
Choice 1	285	21.4	258	21.6	24	18.7	199	21.6	181	21.9	17	18.9	86	20.7	77	21.0	7	18.1
Choice 2	88	21.0	82	21.0	5	21.2	56	20.9	52	20.9	4	22.0	32	21.2	30	21.2	1	18.0
Choice 3-6	89	21.5	83	21.7	6	18.3	67	22.1	64	22.1	3	20.7	22	19.9	19	20.5	3	16.0
Supplemental/Other	323	21.3	276	21.5	37	20.3	199	22.0	173	22.3	18	19.8	124	20.2	103	20.1	19	20.7
Residual	12	16.3	0	0.0	0	0.0	9	17.0	0	0.0	0	0.0	3	14.0	0	0.0	0	0.0
In-State	360	21.6	331	21.8	29	19.0	258	21.8	238	22.0	20	19.8	102	20.9	93	21.2	9	17.3
Out-of-State	102	20.5	92	20.6	6	18.7	64	20.7	59	20.8	4	18.8	38	20.2	33	20.3	2	18.5
Family Income																		
Less than \$35,000	259	19.8	232	20.0	27	18.4	155	20.4	140	20.6	15	17.8	104	19.0	92	18.9	12	19.3
\$36,000-\$50,000	89	21.1	80	21.3	9	19.6	50	21.7	45	22.0	5	19.8	39	20.3	35	20.4	4	19.3
\$51,000-\$80,000	173	22.2	158	22.4	15	19.6	115	22.3	105	22.5	10	20.7	58	21.9	53	22.4	5	17.4
\$81,000-\$100,000	69	22.5	65	22.4	4	23.8	50	22.4	48	22.5	2	21.0	19	22.8	17	22.4	2	26.5
Over \$100,000	107	22.1	100	22.3	7	19.7	86	22.4	84	22.5	2	16.0	21	21.1	16	21.1	5	21.2
Ethnic Groups																		
Black/African American	178	18.0	149	18.1	24	17.8	102	18.3	87	18.4	13	17.6	76	17.7	62	17.7	11	18.0
Am. Indian/Alaska Native	8	19.6	7	20.0	1	17.0	4	19.5	4	19.5	0	0.0	4	19.8	3	20.7	1	17.0
White	504	22.4	460	22.6	42	20.8	350	22.8	322	22.9	27	20.8	154	21.8	138	21.8	15	20.8
Hispanic/Latino	34	22.4	34	22.4	0	0.0	22	22.6	22	22.6	0	0.0	12	21.9	12	21.9	0	0.0
Asian	7	20.4	5	18.6	1	16.0	5	21.6	3	19.3	1	16.0	2	17.5	2	17.5	0	0.0
Native HI/Pacific Islander	1	21.0	1	21.0	0	0.0	1	21.0	1	21.0	0	0.0	0	0.0	0	0.0	0	0.0
All Others	65	20.5	43	21.7	4	20.0	46	20.8	31	22.1	1	20.0	19	19.6	12	20.7	3	20.0
Planned to live																		
On-Campus	559	21.5	508	21.7	51	19.4	372	21.9	345	22.1	27	19.6	187	20.5	163	20.7	24	19.2
Seek Financial Aid	646	21.3	587	21.5	59	19.7	421	21.8	387	22.0	34	19.5	225	20.6	200	20.6	25	19.9
Plan to Work	597	21.2	545	21.4	52	19.4	380	21.7	355	21.9	25	18.8	217	20.4	190	20.5	27	19.9

Table 2B (Student Counts and Percentages)
Retention / Attrition Analysis
Demographic Data & College Choices
2nd Year Returning Students

Variable	Enrolled Freshmen Fall 2017-2018						Enrolled in 2nd Year Fall 2018-2019						Nonreturning					
	Total		Core		Less than core		Total		Core		Less than core		Total		Core		Less than core	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Total	797	100%	699	88%	72	9%	530	66%	470	89%	42	8%	267	34%	229	86%	30	11%
College Choices																		
Choice 1	285	36%	258	91%	24	8%	199	38%	181	91%	17	9%	86	32%	77	90%	7	8%
Choice 2	88	11%	82	93%	5	6%	56	11%	52	93%	4	7%	32	12%	30	94%	1	3%
Choice 3-6	89	11%	83	93%	6	7%	67	13%	64	96%	3	4%	22	8%	19	86%	3	14%
Supplemental/Other	323	41%	276	85%	37	11%	199	38%	173	87%	18	9%	124	46%	103	83%	19	15%
Residual	12	2%	0	0%	0	0%	9	2%	0	0%	0	0%	3	1%	0	0%	0	0%
In-State	360	45%	331	92%	29	8%	258	49%	238	92%	20	8%	102	38%	93	91%	9	9%
Out-of-State	102	13%	92	90%	6	6%	64	12%	59	92%	4	6%	38	14%	33	87%	2	5%
Family Income																		
Less than \$35,000	259	32%	232	90%	27	10%	155	29%	140	90%	15	10%	104	39%	92	88%	12	12%
\$36,000-\$50,000	89	11%	80	90%	9	10%	50	9%	45	90%	5	10%	39	15%	35	90%	4	10%
\$51,000-\$80,000	173	22%	158	91%	15	9%	115	22%	105	91%	10	9%	58	22%	53	91%	5	9%
\$81,000-\$100,000	69	9%	65	94%	4	6%	50	9%	48	96%	2	4%	19	7%	17	89%	2	11%
Over \$100,000	107	13%	100	93%	7	7%	86	16%	84	98%	2	2%	21	8%	16	76%	5	24%
Ethnic Groups																		
Black/African American	178	22%	149	84%	24	13%	102	19%	87	85%	13	13%	76	28%	62	82%	11	14%
Am. Indian/Alaska Native	8	1%	7	88%	1	13%	4	1%	4	100%	0	0%	4	1%	3	75%	1	25%
White	504	63%	460	91%	42	8%	350	66%	322	92%	27	8%	154	58%	138	90%	15	10%
Hispanic/Latino	34	4%	34	100%	0	0%	22	4%	22	100%	0	0%	12	4%	12	100%	0	0%
Asian	7	1%	5	71%	1	14%	5	1%	3	60%	1	20%	2	1%	2	100%	0	0%
Native HI/Pacific Islander	1	0%	1	100%	0	0%	1	0%	1	100%	0	0%	0	0%	0	0%	0	0%
All Others	65	8%	43	66%	4	6%	46	9%	31	67%	1	2%	19	7%	12	63%	3	16%
Planned to live																		
On-Campus	559	70%	508	91%	51	9%	372	70%	345	93%	27	7%	187	70%	163	87%	24	13%
Seek Financial Aid	646	81%	587	91%	59	9%	421	79%	387	92%	34	8%	225	84%	200	89%	25	11%
Plan to Work	597	75%	545	91%	52	9%	380	72%	355	93%	25	7%	217	81%	190	88%	27	12%

Table 3
Retention / Attrition Analysis
ACT Score Averages by
High School Academic Course Preparation

Course Pattern	Enrolled Freshmen Fall 2017-2018			Enrolled in 2nd Year Fall 2018-2019			Nonreturning		
	N	Average Scores		N	Average Scores		N	Average Scores	
Total	797	Composite 21.2		530	Composite 21.7		267	Composite 20.4	
English		English	Composite		English	Composite		English	Composite
E 9, E 10, E 11, E 12, Speech	199	21.9	21.9	143	22.3	22.3	56	20.7	20.9
E 9, E 10, E 11, E 12	552	20.8	21.2	353	21.4	21.6	199	19.6	20.3
Less than 4 years English	20	20.5	20.7	16	20.5	20.4	4	20.5	21.8
No English Courses Reported	26	17.1	18.4	18	17.7	18.9	8	15.8	17.1
Mathematics		Mathematics	Composite		Mathematics	Composite		Mathematics	Composite
Alg 1, Alg 2, Geom, Trig, Calc	36	21.6	21.6	27	22.2	22.2	9	19.6	19.9
Alg 1, Alg 2, Geom, Trig, Other Math	75	21.9	22.2	50	21.8	22.3	25	22.0	21.8
Alg 1, Alg 2, Geom, Trig	20	20.0	21.1	12	19.5	21.3	8	20.8	21.0
Alg 1, Alg 2, Geom, Other Math	261	19.6	20.7	166	19.8	21.1	95	19.2	20.0
Alg 1, Alg 2, Geom	38	17.8	18.8	20	18.4	19.4	18	17.3	18.1
Other Combinations of 3 or more	336	21.4	22.0	234	21.8	22.4	102	20.4	21.0
Less than 3 years Math	5	18.6	19.6	3	17.3	17.0	2	20.5	23.5
No Math Courses Reported	26	18.0	18.4	18	18.7	18.9	8	16.4	17.1
Natural Science		Science	Composite		Science	Composite		Science	Composite
Gen Science, Biology, Chemistry, Physics	341	21.4	21.2	227	21.6	21.5	114	20.9	20.5
Biology, Chemistry, Physics	58	22.7	22.4	42	23.2	22.6	16	21.5	21.7

Table 4
Retention / Attrition Analysis
Summary Data for High Schools
with HIGHEST RATE of returning 2nd Year Students

High School	Fall 2017-2018 Freshmen			Returning Student Characteristics & Choice Patterns						
	N	2nd Yr N	Left Campus	First Choice Institution	Sure of Major	Completed Core Courses	Top Quarter Class	Income Below 36,000	ACT Composite < 17	ACT Composite > 25
NASHVILLE HIGH SCHOOL	5	5	0	2	3	5	2	4	2	0
BEARDEN HIGH SCHOOL	8	8	0	2	4	7	6	6	2	0
SPRING HILL HIGH SCHOOL	9	8	1	2	3	8	6	0	1	2
MAGNOLIA HIGH SCHOOL	64	56	8	32	18	51	20	15	6	12
BENTON SR HS	8	7	1	3	4	7	3	0	0	1
NORTH WEBSTER HIGH SCHOOL	14	12	2	4	5	11	7	4	2	0
HOOKS HIGH SCHOOL	6	5	1	1	1	5	3	0	0	0
DE QUEEN HIGH SCHOOL	6	5	1	3	5	5	3	3	0	1
CROSSETT HIGH SCHOOL	16	13	3	3	4	12	6	6	2	2
I AM BEING HOME SCHOOLED.	5	4	1	1	0	4	2	0	0	2
LAKE HAMILTON HIGH SCHOOL	5	4	1	0	1	2	3	2	0	1
HARMONY GROVE HIGH SCHOOL	5	4	1	0	1	4	3	2	0	0
NO LONGER IN HIGH SCHOOL	9	7	2	7	0	1	0	1	3	0
GREENBRIER HIGH SCHOOL	9	7	2	6	2	7	2	1	0	1
GENOA CENTRAL HIGH SCHOOL	12	9	3	2	1	9	4	2	0	4
FOUKE HIGH SCHOOL	16	12	4	2	4	11	7	2	1	5
CABOT HIGH SCHOOL	12	9	3	5	4	7	3	2	2	3
EMERSON HIGH SCHOOL	11	8	3	4	4	8	5	4	0	2
TAYLOR HIGH SCHOOL	7	5	2	4	0	5	2	1	0	3
SHERIDAN HIGH SCHOOL	7	5	2	3	4	4	0	2	0	0
FOREMAN HIGH SCHOOL	7	5	2	1	1	5	5	1	0	1
NEVADA SCHOOL	10	7	3	2	4	7	5	2	3	2
LIBERTY-EYLAU HIGH SCHOOL	6	4	2	1	2	4	3	3	1	0
GILMER HIGH SCHOOL	9	6	3	0	1	5	5	2	2	3
ATLANTA HIGH SCHOOL	9	6	3	2	3	6	5	1	1	0

