

Fall 2019 First Year Cohort Retention

Last updated: November 2020

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Demographic Information Fall 2019 Cohort

Table 1. Gender	Retained	Cohort	% Retained
Female	690	952	72.5%
Male	542	835	64.9%
X (neither female nor male)	0	0	#DIV/0!
Total	1,232	1,787	68.9%

Table 2. Race/Ethnicity	Retained	Cohort	% Retained
Subtotal, Students of Color	454	675	67.3%
American Indian	2	5	40.0%
Asian	48	58	82.8%
Black	49	80	61.3%
Hispanic	261	396	65.9%
Pacific Islander	3	3	100.0%
Two Plus	91	133	68.4%
Subtotal: International, Unknown, or White	778	1,112	70.0%
Non-resident Alien (international)	13	20	65.0%
Unknown	5	7	71.4%
White	760	1,085	70.0%
Total	1,232	1,787	68.9%

Table 3. Income Quintile	Retained	Cohort	% Retained
Estimated quintile			
Lowest < \$25,600	254	382	66.5%
Second 25,600 to 49,999	146	216	67.6%
Third 50,000 to 79,542	157	241	65.1%
Fourth 79,543 to 129,999	278	378	73.5%
Fifth 130,000 +	322	440	73.2%
Unknown	75	130	57.7%

Table 4. Military Affiliation	Retained	Cohort	% Retained
Yes	127	167	76.0%
No	1,105	1,620	68.2%

Table 5. Disability Registration	Retained	Cohort	% Retained
Registered	62	84	73.8%
Not registered	1,170	1,703	68.7%

Table 6. First Generation Status	Retained	Cohort	% Retained
First Generation	334	507	65.9%
Not First Generation	770	1,083	71.1%
Unknown	128	197	65.0%

Table 7. Age	Retained	Cohort	% Retained
< 19	687	1,019	67.4%
19	487	682	71.4%
20	34	48	70.8%
21+	24	38	63.2%

Table 8. Tuition Residency Group

	Retained	Cohort	% Retained
Resident	1,048	1,481	70.8%
Resident	1,018	1,434	71.0%
Military	24	38	63.2%
Other resident	6	9	66.7%
Non-Resident:	184	306	60.1%
Non-Resident	110	206	53.4%
Presidential Scholar	20	24	83.3%
WUE	54	76	71.1%

Table 9. US Region & Home State

	Retained	Cohort	% Retained
South	9	16	56.3%
Alabama			#DIV/0!
Arkansas	1	1	100.0%
Georgia	2	3	66.7%
Florida	1	4	25.0%
Kentucky	0	1	0.0%
Louisiana	1	1	100.0%
Mississippi	1	1	100.0%
North Carolina			#DIV/0!
South Carolina	1	2	50.0%
Tennessee	1	1	100.0%
Virginia	1	2	50.0%
West Virginia			#DIV/0!
Midwest	47	76	61.8%
Iowa	2	2	100.0%
Illinois	14	26	53.8%
Indiana	2	4	50.0%
Kansas	7	7	100.0%
Missouri	3	6	50.0%
Michigan	0	1	0.0%
Minnesota	10	15	66.7%
Nebraska	2	4	50.0%
North Dakota	1	1	100.0%
Ohio	0	2	0.0%
South Dakota	1	1	100.0%
Wisconsin	5	7	71.4%
Northeast	9	15	60.0%
Connecticut	0	1	0.0%
Maine			#DIV/0!
Maryland	1	2	50.0%
Massachusetts	1	2	50.0%
New Hampshire			#DIV/0!
New Jersey			#DIV/0!
New York	2	2	100.0%
North Carolina	1	1	100.0%
Pennsylvania	3	6	50.0%
Washington, D.C.	1	1	100.0%

West & Pacific	13	27	48.1%
Alaska	1	3	33.3%
Idaho	1	3	33.3%
Montana	2	3	66.7%
Nevada	1	3	33.3%
Hawaii	1	4	25.0%
Oregon	1	2	50.0%
Utah			#DIV/0!
Washington	5	8	62.5%
Wyoming	1	1	100.0%
Southwest	77	126	61.1%
Arizona	10	14	71.4%
California	27	31	87.1%
Nevada			#DIV/0!
New Mexico	10	15	66.7%
Oklahoma	3	4	75.0%
Texas	27	62	43.5%
Colorado	1,067	1,513	70.5%
Foreign/Other/Missing	10	14	71.4%

Home state is based on students' home then mailing address currently in the system.

	Retained	Cohort	% Retained
Other, Missing, or Not Colorado	165	274	60.2%
Eastern Mountains	36	47	76.6%
Eastern Plains	27	43	62.8%
Front Range	972	1,373	70.8%
San Luis Valley	0	3	0.0%
Western Slope	32	47	68.1%

	Retained	Cohort	% Retained
Boulder	15	23	65.2%
Colorado Springs	620	869	71.3%
Denver/Aurora/Broomfield	299	420	71.2%
Ft Collins/Loveland	16	23	69.6%
Grand Junction	5	9	55.6%
Greeley	19	31	61.3%
Pueblo/Pueblo West	18	30	60.0%
Other/NA	240	382	62.8%

Student Engagement Information Fall 2019 Cohort

	Retained	Cohort	% Retained
On a club roster	182	220	82.7%
Multicultural club roster	25	30	83.3%
Academic club participant	68	78	87.2%
Club officer	75	81	92.6%
Greek life roster	52	66	78.8%
Any club or any Greek roster	222	274	81.0%
Neither club nor Greek roster	1,010	1,513	66.8%

	Retained	Cohort	% Retained
None	353	555	63.6%
1	190	281	67.6%
2	141	218	64.7%
3	116	162	71.6%
4	96	132	72.7%
5	66	104	63.5%
6 - 9	179	219	81.7%
10+	91	116	78.4%
Any event	879	1,232	71.3%
No event	353	555	63.6%

	Retained	Cohort	% Retained
UCCSlead Program	210	262	80.2%
Leadership conference participant	32	33	97.0%
Student Government Association (SGA)	5	7	71.4%
LIVE cohort	32	34	94.1%
CLC cohort	3	3	100.0%
Student Life, Radio, or Scribe employee	8	10	80.0%
Any of the above	244	300	81.3%
None of the above	988	1,487	66.4%

	Retained	Cohort	% Retained
any participation	925	1,291	71.6%
no participation	307	496	61.9%

	Retained	Cohort	% Retained
MOSAIC Gateway Program	27	53	50.9%
No	1,205	1,734	69.5%

	Retained	Cohort	% Retained
Athlete in Fall 2018	78	78	100.0%
Not athlete	1,154	1,709	67.5%

Table 18. Campus Housing

	Retained	Cohort	% Retained
Antero	0	1	0.0%
Aspen	35	65	53.8%
Breckenridge	48	67	71.6%
Copper	53	71	74.6%
Cucharas	60	95	63.2%
Eldora	55	80	68.8%
Keystone	50	77	64.9%
La Plata	59	85	69.4%
Monarch	25	40	62.5%
San Juan	138	187	73.8%
Steamboat	58	76	76.3%
Telluride	49	81	60.5%
Vail	69	101	68.3%
<i>Total, residence halls</i>	699	1,026	68.1%
<i>Total, did not live on campus</i>	533	761	70.0%

Table 19. Student Employment (Fall)

	Retained	Cohort	% Retained
Student Assistant	96	96	100.0%
1136	1,136	1,691	67.2%

Table 20. Academic Advising Visits*

	Retained	Cohort	% Retained
1	389	551	70.6%
2	366	509	71.9%
3	196	283	69.3%
4	103	155	66.5%
5+	142	204	69.6%
None	36	85	42.4%

*Any type of appointment during the Fall 2019 semester.

Table 21. Honors Student Group

	Retained	Cohort	% Retained
Honors Student Group	20	23	87.0%
N/A	1,212	1,764	68.7%

Table 22. Prior High School Concurrent

	Retained	Cohort	% Retained
HS Concurrent	12	13	92.3%
HS CU Succeed	120	150	80.0%
HS MathOnline	1	1	100.0%
HS PreCollegiate	16	22	72.7%
HS Proj Lead Way	29	40	72.5%
N/A	1,054	1,561	67.5%

Academic Information Fall Cohort 2019

Table 23. Program & Plan

Program	Plan	Plan Code	Retained	Cohort	% Retained	Share of non-retained
BUSNU	Business/Administration	BI	15	19	78.9%	0.7%
		BS	115	162	71.0%	7.8%
	BUSNU Total		130	181	71.8%	8.5%
CLASU	Anthropology	ANTH-BA	3	5	60.0%	0.3%
	Biochemistry	BCBA-BA	12	16	75.0%	0.7%
		BCBS-BS	15	20	75.0%	0.8%
	Biology	BIOL-BA		0	#DIV/0!	0.0%
		BLBS-BS	80	115	69.6%	5.8%
	Chemistry	BICH-BI		0	#DIV/0!	0.0%
		CHEM-BA	2	3	66.7%	0.2%
		CMBS-BS	8	10	80.0%	0.3%
	Communication: Digital Film	BIDF-BI	7	8	87.5%	0.2%
	Communication	COMM-BA	30	38	78.9%	1.3%
	Economics	ECON-BA	2	3	66.7%	0.2%
	English	ENGL-BA	19	23	82.6%	0.7%
	Geography/Environment Studies	GEEV-BA	6	10	60.0%	0.7%
	History	HIST-BA	6	9	66.7%	0.5%
	Interdisciplinary Studies	INDS-BA	1	1	100.0%	0.0%
	Mathematics, BS	MTBS-BS	15	17	88.2%	0.3%
	Philosophy	PHIL-BA	2	5	40.0%	0.5%
	Physics/Energy Science	PHES-BS	9	12	75.0%	0.5%
	Political Science	PSCI-BA	16	20	80.0%	0.7%
	Psychology	PSYC-BA	50	73	68.5%	3.8%
	Sociology	SOCI-BA	7	11	63.6%	0.7%
	Spanish	SPAN-BA	2	3	66.7%	0.2%
	VAPA: Museum & Gallery Prac	BIGM-BI	1	2	--	0.2%
	VAPA: Music	BIMU-BI	2	3	66.7%	0.2%
	Visual & Performing Arts	VAPA-BA	15	22	68.2%	1.2%
	Women's and Ethnic Studies	WEST-BA		0	--	0.0%
CLASU Total, degree-granting			310	429	72.3%	19.7%

	Pre-Dentistry	PRDE	1	1	100.0%	0.0%
	Pre-Education	PRED		0	--	0.0%
	Pre-Law	PLAW		0	--	0.0%
	Pre-Medicine	PRMD	17	24	70.8%	1.2%
	Pre-Pharmacy	PRPH	9	10	90.0%	0.2%
	Pre-Physical Therapy	PRPT	9	11	81.8%	0.3%
	Pre-Physician's Assistant	PRPA	1	1	100.0%	0.0%
	Pre-Veterinary Medicine	PRVT	9	11	81.8%	0.3%
	University Studies	UNIV	400	649	61.6%	41.3%
		UNIX	4	7	57.1%	0.5%
	CLASU Total, undecided/non-degree		450	714	63.0%	43.8%
	CLASU Total		760	1,143	66.5%	63.5%
EDUCU	Human Services	HSRV-BA	1	2	50.0%	0.2%
	Inclusive Early Childhood Educ	BICE-BI	5	8	62.5%	0.5%
	Inclusive Elementary Educ	IELM-BA	18	26	69.2%	1.3%
	EDUCU Total		24	36	66.7%	2.0%
ENGRU	Computer Engineering	CPEN-BS	8	11	72.7%	0.5%
	Computer Science	BICS-BI	12	16	75.0%	0.7%
		CSCI-BS	31	39	79.5%	1.3%
	Computer Security	BISC-BI	16	18	88.9%	0.3%
	Data Analytics	DASE-BS			#DIV/0!	0.0%
	Electrical Engineering	BIEL-BI	1	1	100.0%	0.0%
		ELEN-BS	12	22	54.5%	1.7%
	Engineering Education	BSEE-BS	1	2	50.0%	0.2%
	Engineering Undeclared	UDEN	1	3	33.3%	0.3%
	Game Design & Development	BIGD-BI	9	13	69.2%	0.7%
	Mechanical Engineering	MEEN-BS	55	73	75.3%	3.0%
	ENGRU Total (+1 Engr Conc)		146	198	73.7%	8.6%
NURSU	Exercise Science	EXSC-BS	29	41	70.7%	2.0%
	Health Care Science	HCSC-BS	11	13	84.6%	0.3%
	Nursing	NURS-BS		0	#DIV/0!	0.0%
	Nursing Prep	NUPR	66	88	75.0%	3.6%
	NURSU Total		106	142	74.6%	6.0%
PAFFU	Criminal Justice	CRJU-BA	66	87	75.9%	3.5%
	PAFFU Total		66	87	75.9%	3.5%
Grand Total	Undecided/Non-Degree		450	714	63.0%	43.8%
	Declared Majors		782	1,073	72.9%	48.3%
	Grand Total		1,232	1,787	68.9%	92.0%

Table 24. Univ Studies Subplans	Retained	Cohort	% Retained
BI Business Intent	4	10	40.0%
BI Computer Science Intent	1	2	50.0%
BI Engineering Intent	13	20	65.0%
BS Business Intent	45	85	52.9%
BS Computer Science Intent	2	4	50.0%
BS Electrical Engr Intent	1	1	100.0%
Business PGM Intent	1	1	100.0%
Computer Engr Intent	2	4	50.0%
Computer Security Intent	1	1	100.0%
Conditional Admit	118	196	60.2%
Engineering Intent	37	65	56.9%
Exercise Science Intent	2	6	33.3%
Health & Wellness Intent	0	1	0.0%
Mechanical Engr Intent	9	12	75.0%
Nursing Intent	66	89	74.2%
Nutrition Intent	0	1	0.0%
Undecided	102	158	64.6%
Total, University Studies	404	656	61.6%

Table 25. Credit Hour Load*	Retained	Cohort	% Retained
Full-Time	1,206	1,705	70.7%
19+ hours	6	6	100.0%
18	19	28	67.9%
17	86	106	81.1%
16	293	393	74.6%
15	317	438	72.4%
14	109	159	68.6%
13	230	358	64.2%
12	146	217	67.3%
Part-Time	26	82	31.7%
11 hours	2	10	20.0%
10	5	18	27.8%
9	6	25	24.0%
8	2	3	66.7%
7	2	5	40.0%
6	7	16	43.8%
4	1	1	100.0%
3	1	4	25.0%

*Includes extended studies hours, if any.

Table 26. Fall 2019 GPA

	Retained	Cohort	% Retained	% of Cohort
0	9	70	12.9%	3.4%
0.1 - 1.49	31	96	32.3%	4.7%
1.5 - 1.99	37	97	38.1%	4.7%
2.0 - 2.49	76	129	58.9%	6.3%
2.5 - 2.74	67	107	62.6%	5.2%
2.75 - 2.99	98	147	66.7%	7.2%
3.0 - 3.24	150	203	73.9%	9.9%
3.25 - 3.74	417	523	79.7%	25.5%
3.75 - 3.99	206	252	81.7%	12.3%
4.00	141	163	86.5%	8.0%

Table 27. Think30 Hours*

	Retained	Cohort	% Retained
<15	12	156	7.7%
15-19	18	115	15.7%
20-24	73	116	62.9%
25-29	423	581	72.8%
30	168	210	80.0%
31-34	400	469	85.3%
35-39	109	111	98.2%
40+	29	29	100.0%

**Taken for-credit hours through Summer 2020*

Table 28. GPS Seminar Section	Retained	Cohort	% Retained
039 LIVE Leadership	30	32	93.8%
016 Gray Matters	18	21	85.7%
020 Burning Books	22	26	84.6%
021 Club Med	43	54	79.6%
036 The Office	23	29	79.3%
025 Casablanca to Star Wars	29	37	78.4%
011 Engineering Odyssey	31	40	77.5%
042 Studio A	31	40	77.5%
002 Finding Your Way: Healthcare	30	39	76.9%
015 Star Search	20	26	76.9%
027 C Programming Robots	10	13	76.9%
029 Make It Stick	22	29	75.9%
008 Leadershop	21	28	75.0%
050 --	18	24	75.0%
OL2 Academic Engagement & Success	9	12	75.0%
022 Me.com	20	27	74.1%
033 Head of the Class	20	27	74.1%
004 Finding Your Way: Healthcare	31	42	73.8%
030 Be Your Own Boss	19	26	73.1%
044 Poker Theory & Analytics	19	26	73.1%
047 Create a Meaningful Life	20	28	71.4%
026 So You Think You Can Speak?	27	38	71.1%
018 Muggle Studies	17	24	70.8%
032 Careers in Criminal Justice	41	58	70.7%
035 You Say You Want a Revolution?	19	27	70.4%
043 What's Your Passion?	19	27	70.4%
051 Elevate	19	27	70.4%
049 Food for the Soul	26	37	70.3%
012 Eng Design Good, Bad, & Ugly	37	53	69.8%
017 Baseball	29	42	69.0%
031 Restore	24	35	68.6%
040 Pay It Forward	15	22	68.2%
009 Leadershop	17	25	68.0%

023 Sports Center	29	43	67.4%
003 Finding Your Way: STEM	37	55	67.3%
034 Vision Quest	16	24	66.7%
037 DOA	27	41	65.9%
053 Leadershop Summer Bridge	17	26	65.4%
OL1 Academic Engagement & Success	7	11	63.6%
024 School in the Woods	17	27	63.0%
028 Disability Tales	13	21	61.9%
001 Finding Your Way: Business	28	46	60.9%
052 Leading Your Own Life	17	28	60.7%
005 Finding Your Way: Business	25	42	59.5%
019 Heroes	25	42	59.5%
006 Leadershop	21	36	58.3%
046 Quicksand	12	21	57.1%
038 Fantasy Football	15	27	55.6%
WK1 Farm to Kitchen Bootcamp	12	22	54.5%
010 Leadershop	13	24	54.2%
041 Keep COSPG Weird	13	24	54.2%
007 Leadershop	22	45	48.9%
Total, Took GPS in Fall 2018	1,142	1,646	69.4%
Total, Did not take GPS in Fall 2018	90	141	63.8%

Table 29. GPS Grade	Retained	Cohort	% Retained
A	810	1,023	79.2%
A-	103	154	66.9%
B+	32	51	62.7%
B	99	174	56.9%
B-	21	36	58.3%
C+	10	18	55.6%
C	36	70	51.4%
C-	5	12	41.7%
D+	4	6	66.7%
D	9	19	47.4%
D-	0	4	0.0%
F	8	43	18.6%
W	5	36	13.9%
<i>Did not take ID1010</i>	90	141	63.8%

Table 30. Online Coursework	Retained	Cohort	% Retained
no online coursework	1,085	1,579	68.7%
some online	144	196	73.5%
100% online	3	12	25.0%

Table 31. Hybrid Coursework	Retained	Cohort	% Retained
no hybrid coursework	1,121	1,643	68.2%
some hybrid	111	144	77.1%

Table 32. Fall DFW Grades	Retained	Cohort	% Retained
None	944	1,203	78.5%
1	184	288	63.9%
2	65	143	45.5%
3 +	39	153	25.5%

Table 33. Fall English GPA	Retained	Cohort	% Retained
0	48	152	31.6%
< 2.00	35	67	52.2%
2.00 - 2.99	110	181	60.8%
3.00 - 3.99	310	440	70.5%
4	345	433	79.7%
No ENGL courses	384	514	74.7%

Table 34. Fall Math GPA	Retained	Cohort	% Retained
0	54	140	38.6%
< 2.00	49	73	67.1%
2.00 - 2.99	97	129	75.2%
3.00 - 3.99	100	130	76.9%
4	185	212	87.3%
No MATH	747	1,103	67.7%

Table 35. Remedial Math	Retained	Cohort	% Retained
C- or better	150	205	73.2%
DFW	26	71	36.6%
None	1,056	1,511	69.9%

Admissions Information Fall 2019 Cohort

	Retained	Cohort	% Retained
Apply Date:			
< July 2018	22	28	78.6%
July - October 22 2018	512	716	71.5%
October 23-31 (free app period)	264	372	71.0%
November - December 2018	212	314	67.5%
January - June 2019	192	312	61.5%
July 2019 +	17	28	60.7%
NA	13	17	76.5%
Admitted Date:			
< January 2019	2	3	66.7%
January - March 2019	691	957	72.2%
April - June 2019	479	723	66.3%
July - August 2019	47	87	54.0%
NA	13	17	76.5%

	Retained	Cohort	% Retained
Days between App & Admit			
< 22 (3 weeks)	46	75	61.3%
22 - 42 (6 weeks)	41	68	60.3%
43 - 63 (9 weeks)	53	79	67.1%
64 - 84 (12 weeks)	50	79	63.3%
85 - 105 (15 weeks)	55	81	67.9%
106 - 126 (18 weeks)	155	230	67.4%
> 126 (about 5 months and more)	819	1,158	70.7%
NA	13	17	76.5%

	Retained	Cohort	% Retained
< 2.00	1	2	50.0%
2.00 - 2.24	3	5	60.0%
2.25 - 2.49	20	40	50.0%
2.50 - 2.74	35	79	44.3%
2.75 - 2.99	83	151	55.0%
3.00 - 3.24	158	265	59.6%
3.25 - 3.49	189	280	67.5%
3.50 - 3.74	220	311	70.7%
3.75 - 3.99	209	270	77.4%
4.00	295	349	84.5%
N/A	19	35	54.3%

	Retained	Cohort	% Retained
<83	11	26	42.3%
83-92	104	171	60.8%
93-103	226	398	56.8%
104+	861	1,151	74.8%
N/A	30	41	73.2%

	Retained	Cohort	% Retained
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Meets high school minimum units for admission	990	1,388	71.3%
Does not meet high school minimum units*	230	383	60.1%
N/A	12	16	75.0%

Table 41. ACT Comp	Retained	Cohort	% Retained
35	0	0	#DIV/0!
34	3	4	75.0%
33	3	4	75.0%
32	5	5	100.0%
31	10	13	76.9%
30	11	13	84.6%
29	12	13	92.3%
28	18	29	62.1%
27	20	34	58.8%
26	22	32	68.8%
25	36	50	72.0%
24	46	61	75.4%
23	44	72	61.1%
22	32	47	68.1%
21	28	37	75.7%
20	24	37	64.9%
19	25	34	73.5%
18	14	20	70.0%
17	10	13	76.9%
16	6	7	85.7%
<16	9	12	75.0%
N/A	854	1,250	68.3%

Table 42. ACT Math

	Retained	Cohort	% Retained
36		0	--
35	1	2	50.0%
34	1	2	50.0%
33	1	1	100.0%
32	6	7	85.7%
31	8	10	80.0%
30	3	6	50.0%
29	7	9	77.8%
28	26	35	74.3%
27	31	42	73.8%
26	21	34	61.8%
25	27	41	65.9%
24	37	52	71.2%
23	30	48	62.5%
22	29	39	74.4%
21	16	30	53.3%
20	29	35	82.9%
19	19	25	76.0%
18	19	30	63.3%
17	31	42	73.8%
16	21	26	80.8%
< 16	15	21	71.4%
N/A	854	1,250	68.3%

Table 43. ACT English

	Retained	Cohort	% Retained
36	1	1	100.0%
35	8	9	88.9%
34	5	7	71.4%
33	5	5	100.0%
32	7	9	77.8%
31	4	6	66.7%
30	8	12	66.7%
29	10	14	71.4%
28	15	20	75.0%
27	22	31	71.0%
26	16	20	80.0%
25	22	37	59.5%
24	32	46	69.6%
23	47	56	83.9%
22	33	50	66.0%
21	41	64	64.1%
20	23	42	54.8%
19	21	27	77.8%
18	14	21	66.7%
17	12	19	63.2%
16	9	11	81.8%
< 16	23	30	76.7%
N/A	854	1,250	68.3%

Table 44. SAT Scores

	Retained	Cohort	% Retained
New SAT			
1400+	42	43	97.7%
1300s	82	112	73.2%
1200s	239	321	74.5%
1100s	299	440	68.0%
1000s	232	362	64.1%
900s	137	197	69.5%
<900	52	81	64.2%
N/A	149	231	64.5%

Table 45. Prior Learning

	Retained	Cohort	% Retained
Advanced Placement Test			
Has an AP test score	494	662	74.6%
No AP test score	738	1,125	65.6%
International Baccalaureate			
Has score	39	45	86.7%
No IB score	1,193	1,742	68.5%

Table 46. Registration Type

	Retained	Cohort	% Retained
Other (summer starter or transfer)	14	18	77.8%
FR (freshman app not recategorized)	0	0	#DIV/0!
FRF (first time freshman)	827	1,249	66.2%
FRN (freshman from nondegree)	152	198	76.8%
FRO (freshman with other institution)	239	322	74.2%

Financial Aid Information Fall Cohort 2019

	Retained	Cohort	% Retained
Yes, filed FAFSA	1,072	1,541	69.6%
No, did not file FAFSA	87	121	71.9%
Unknown	73	125	58.4%
Total	1,232	1,787	68.9%

	Retained	Cohort	% Retained
0	87	121	71.9%
1 - 19,999	9	14	64.3%
20 - 24,999	337	450	74.9%
25 - 29,999	567	828	68.5%
30 - 34,999	78	104	75.0%
35 - 39,999	75	132	56.8%
40+	6	13	46.2%
N/A	73	125	58.4%

	Retained	Cohort	% Retained
0	268	411	65.2%
< 5,000	176	257	68.5%
5,000 - 9,999	104	170	61.2%
10,000 - 14,999	100	132	75.8%
15,000 - 19,999	89	116	76.7%
20,000 - 29,999	129	178	72.5%
30,000 - 39,999	95	126	75.4%
40,000 - 49,999	52	67	77.6%
50,000 - 59,999	35	50	70.0%
60,000 - 69,999	21	30	70.0%
70,000 - 79,999	21	27	77.8%
80,000 - 89,999	10	13	76.9%
90,000 - 99,999	15	18	83.3%
100k +	44	67	65.7%
N/A	73	125	58.4%

	Retained	Cohort	% Retained
0	117	184	63.6%
< 5k	260	397	65.5%
5 - 9,999	230	343	67.1%
10 - 14,999	221	289	76.5%
15 - 19,999	133	180	73.9%
20 - 24,999	85	107	79.4%
25 - 29,999	71	102	69.6%
30 +	42	60	70.0%
N/A	73	125	58.4%

Table 51. Pell Amt	Retained	Cohort	% Retained
0	801	1,134	70.6%
< 1k	8	16	50.0%
1 - 1,999	27	44	61.4%
2 - 2,999	27	59	45.8%
3 - 3,999	41	102	40.2%
4 - 4,999	40	46	87.0%
5000+	215	261	82.4%
N/A (did not apply for aid)	73	125	58.4%

Table 52. Work Study Amt	Retained	Cohort	% Retained
None	1,201	1,744	68.9%
Work Study	31	43	72.1%

Table 53. Loan Amt	Retained	Cohort	% Retained
0	633	879	72.0%
< 5,000	90	182	49.5%
5 - 9,999	240	312	76.9%
10 - 14,999	50	75	66.7%
15 - 19,999	36	54	66.7%
20 - 24,999	43	61	70.5%
25 - 29,999	43	67	64.2%
30,000 +	24	32	75.0%
N/A	73	125	58.4%

Table 54. Govt Scholarship or Grant Amt	Retained	Cohort	% Retained
0	298	455	65.5%
< 5,000	410	591	69.4%
5 - 9,999	160	258	62.0%
10 - 14,999	256	313	81.8%
15,000 +	35	45	77.8%
N/A	73	125	58.4%

Table 55. Federal Amt	Retained	Cohort	% Retained
0	467	651	71.7%
< 5,000	117	236	49.6%
5 - 9,999	385	510	75.5%
10 - 14,999	80	104	76.9%
15 - 19,999	35	56	62.5%
20 - 24,999	29	40	72.5%
25 - 29,999	28	42	66.7%
30,000 +	18	23	78.3%
N/A	73	125	58.4%

Table 56. State Amt	Retained	Cohort	% Retained
0	879	1,272	69.1%
< 5,000	197	287	68.6%
5,000 +	83	103	80.6%
N/A	73	125	58.4%

Table 57. Institution Amt	Retained	Cohort	% Retained
0	426	666	64.0%
< 5,000	546	755	72.3%
5 - 9,999	153	200	76.5%
10,000 +	34	41	82.9%
N/A	73	125	58.4%

Table 58. Chancellor or Provost Scholarship	Retained	Cohort	% Retained
Yes	517	656	78.8%
No	715	1,131	63.2%

Table 59. Athletic-Related Financial Aid	Retained	Cohort	% Retained
Athlete with athletic aid	58	58	100.0%
Athlete without athletic aid	20	20	100.0%
Not an athlete	1,154	1,709	67.5%

Table 60. Dependency Status	Retained	Cohort	% Retained
Dependent	1,036	1,491	69.5%
Independent	36	50	72.0%
Unknown	160	246	65.0%

Summary of Statistical Measures

Items highlighted in pink are "negatively" correlated to retention. As that item increases, the retention decreases.
 Items with a Pearson value less than .3 are considered "weak" correlations.

Table 61. Significant Correlations	Pearson	Sig.	Grouping	Note
Think30 (FY hours)	.542**	0.000	academic	strong positive
Current GPA (Fall 2019)	.405**	0.000	academic	strong positive
Cumulative GPA (Fall 2019)	.396**	0.000	academic	strong positive
Fall 2019 Math course GPA	.368**	0.000	academic	strong positive
Fall 2019 DFW grades	-.334**	0.000	academic	strong negative
Fall 2019 English course GPA	.330**	0.000	academic	strong positive
Admissions index score	.207**	0.000	preparation	weak
Main hours attempted	.176**	0.000	academic	weak
Student employment	.161**	0.000	co-curricular	weak
Transfer hours	.159**	0.000	academic	weak
Fees charged	.143**	0.000	affordability	weak
NCAA athlete	.143**	0.000	co-curricular	weak
Total scholarship aid	.131**	0.000	affordability	weak
Admit date	-.118**	0.000	preparation	weak negative
Club participation	.112**	0.000	co-curricular	weak
SAT score	.108**	0.000	preparation	weak
UCCSlead	.100**	0.000	co-curricular	weak
High school units (HEAR pass)	.100**	0.000	preparation	weak
Apply date	-.098**	0.000	preparation	weak negative
Advanced Placement	.094**	0.000	preparation	weak
Resident	.087**	0.000	demographic	weak
Female	.082**	0.001	demographic	weak
Prior high school dual enrollment	.081**	0.001	preparation	weak
Prior UCCS enrollment	.077**	0.001	preparation	weak
American Indian	-.074**	0.002	demographic	weak negative
MOSAIC student group	-.068**	0.004	co-curricular	weak negative
Club participation (academic)	.066**	0.005	co-curricular	weak
Total aid	.064**	0.009	affordability	weak
Quintile	.064**	0.009	demographic	weak
International Baccalaureate	.062**	0.009	preparation	weak
Total need-based aid	.061*	0.014	affordability	weak
Total grant aid	.057*	0.021	affordability	weak
Asian	.054*	0.023	demographic	weak
Adjusted gross income	.055*	0.026	affordability	weak
Cost of attendance	-.054*	0.027	affordability	weak negative
Budget (financial aid)	-.052*	0.033	affordability	weak negative
First generation	-.053*	0.035	demographic	weak negative
Unmet need	-.052*	0.035	affordability	weak negative
Military affiliation	.049*	0.037	demographic	weak
Black	-.049*	0.038	demographic	weak negative
Extended studies hours	-.048*	0.041	academic	weak negative

Table 62. Non-significant Correlations

Honors student group	.044	0.060	co-curricular	
Greek	.042	0.078	co-curricular	
Club participation (multicultural)	.041	0.086	co-curricular	
Days between apply and admit	.041	0.086	preparation	
Need	-.042	0.090	affordability	negative
Hispanic	-.039	0.100	demographic	negative
Advising visits	.035	0.143	academic	
Total merit aid	.036	0.145	affordability	
FAFSA submitted	.034	0.155	affordability	
Expected family contribution	.034	0.164	affordability	
Online hours	-.075	0.177	academic	negative
Pacific	-.029	0.217	demographic	negative
White	.029	0.224	demographic	
ACT english score	.047	0.278	preparation	
Disability	.023	0.324	demographic	
On campus housing	-.020	0.388	co-curricular	negative
Pell Grant recipient	-.016	0.501	affordability	negative
ACT math score	-.018	0.677	preparation	negative
Total loan aid	-.010	0.687	affordability	negative
Dependent (financial aid)	-.010	0.704	affordability	negative
Attended another institution	-.009	0.709	preparation	negative
ACT score	.014	0.748	preparation	
Total workstudy aid	.004	0.881	affordability	
Tuition charged	.000	0.998	affordability	

** Correlation is significant at the 0.01 level (2-tailed).

* Correlation is significant at the 0.05 level (2-tailed).

Table 63. Regression Models

Due to the quantity of variables and collinearity, I selected the following variables for analyses.

Linear Regression Results

N=1787

R Square = .223

Variable	Mean	Correlation to Retention	Un-standardized	Standardized	Sig.
female	0.53	0.082**	0.033	0.036	0.590
ethnic minority	0.35	-0.049*	-0.001	-0.001	0.985
first generation	0.28	-0.042*	-0.023	-0.023	0.716
military affiliation	0.09	0.049*	0.083	0.052	0.400
club participant	0.12	0.112**	0.121	0.086	0.163
tuition charged	6162	.000	-7.5e-6	-0.034	0.581
English GPA	2.94	0.33**	0.059	0.169	0.084
Math GPA	2.63	0.368**	0.062	0.236	0.021
Fall DFW grades	0.64	-0.36**	-0.028	-0.070	0.561
SAT score	1124	0.108**	0.001	0.340	0.005
ACT English score	22.9	0.047	-0.010	-0.104	0.258
ACT Math score	22.6	-0.018	-0.033	-0.316	0.002
high school GPA	3.59	0.033	0.002	0.039	0.615

Binary Logistic Regression Results

R Square = .309 (Cox & Snell)

Variable	Mean	Correlation to Retention	B	S.E.	Sig.
female	0.53	0.082**	0.900	0.785	0.251
ethnic minority	0.35	-0.049*	-0.049	0.665	0.941
first generation	0.28	-0.042*	1.449	0.999	0.147
military affiliation	0.09	0.049*	1.820	1.386	0.189
club participation	0.12	0.112**	-1.447	0.966	0.134
tuition charged	6162	.000	0.000	0.000	0.337
English GPA	2.94	0.33**	0.189	0.357	0.596
Math GPA	2.63	0.368**	0.454	0.278	0.102
Fall DFW grades	0.64	-0.36**	-0.675	0.536	0.208
SAT score	1124	0.108**	0.011	0.005	0.029
ACT Math score	22.9	0.047	-0.334	0.142	0.018
ACT English score	22.6	-0.018	-0.054	0.113	0.631
high school GPA	3.59	0.033	-2.525	1.203	0.036

Readiness Levels

In this summary, I have operationalized student readiness as an average score among four themes that I chose for their conduciveness to intervention strategies.

(a) The first theme is **academic performance** measured by first semester GPA.

(b) The second theme of **co-curricular engagement** is measured as engagement in student life activities (including MOSAIC, Honors, and Athletics), campus housing, student employment, and/or academic advising.

(c) The third theme called **preparation** is measured by the formerly used CU Admissions Index.

(d) The fourth theme of **ascribed advantages** is measured as being female, of white or unknown ethnicity, not first-generation, or not being in the bottom 2 income quintiles or not being a Pell Grant recipient. The ascribed advantages are status assigned at birth or assumed involuntarily and cannot be achieved through individual effort. Female is cast as an ascribed advantage for the sake of this analysis because women are more likely to be retained.

While the retention rates generally improve as the level of readiness improves, as we would expect, there are two notable patterns among these data. First, the retention rates vary little among the readiness levels for ascribed advantages and preparation. This is relatively good news because those are two themes that the university is unlikely to influence. Second, the retention rates do vary substantially by readiness level for academic performance (ranging from 45% to 80%) and co-curricular engagement (62% to 100%). Students' academic performance and co-curricular engagement are exactly what the university is able to influence, especially during students' first semester at UCCS. From this cursory analysis, I suggest that **retention rates are most likely to improve as the university deploys strategies to improve students' GPA and co-curricular engagement in students' first semester. In other words, when we are able to plug students into what the university does best, the students are likely to succeed.** It may be that academic and co-curricular engagement can overcome perceived socio-economic disadvantages.

Figure 1. Retention Rates by Readiness Levels within Theme

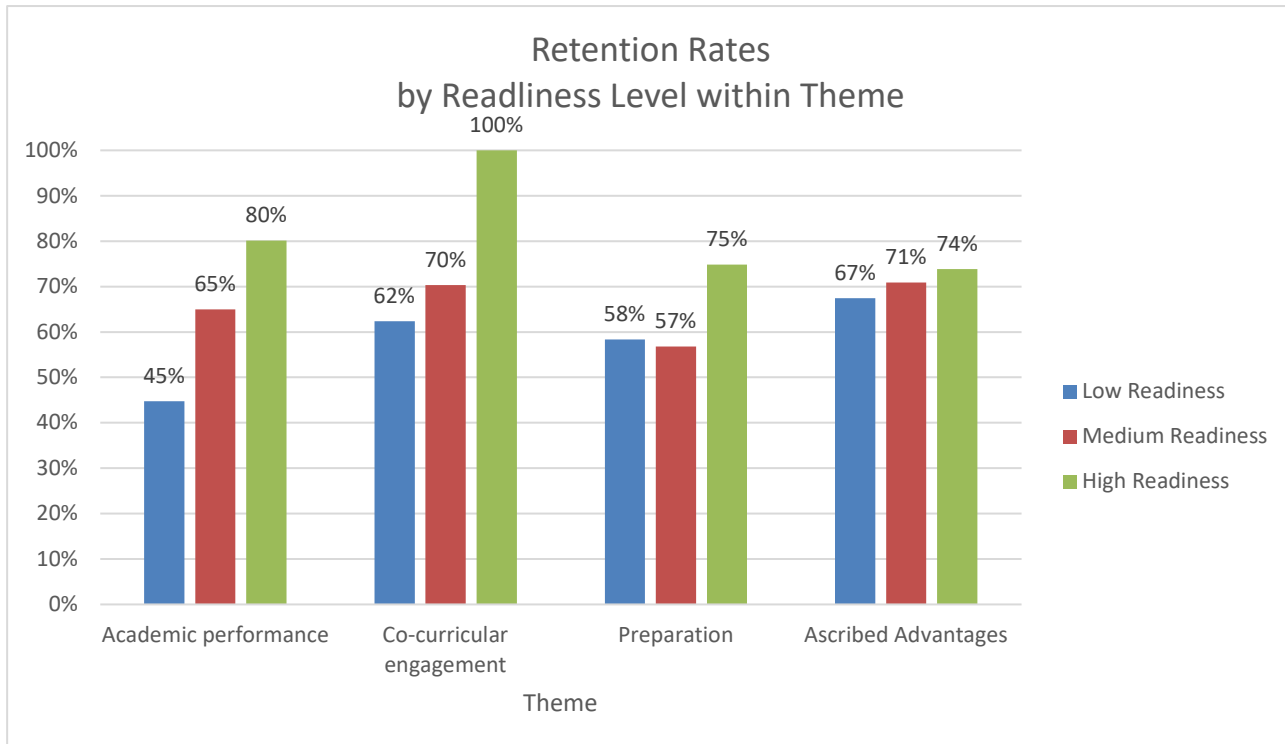


Table 64. Student Outcome per Readiness and Theme	Retained	Transferred	Gone	Cohort	% Retained
Academic performance					
Really low	9	14	47	70	13%
Low	144	40	138	322	45%
Medium	165	37	51	254	65%
High	914	119	108	1,141	80%
Co-curricular engagement					
Really low	11	3	16	30	37%
Low	250	49	102	401	62%
Medium	911	158	226	1,296	70%
High	60	0	0	60	100%
Preparation					
Really low	30	3	7	41	73%
Low	115	26	56	197	58%
Medium	226	64	108	398	57%
High	861	117	173	1,151	75%
Ascribed Advantages					
Really low	221	38	91	350	63%
Low	327	54	104	485	67%
Medium	458	82	105	646	71%
High	226	36	44	306	74%
Grand Total	1,232	210	344	1,787	69%

Characteristics of Students Not Retained

Transfers are known to have enrolled at another institution during calendar year 2020.

Table 65. Gender & Ethnicity	Transfers				Gone			
	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
Female	109	952	11%	52%	152	952	16%	44%
White	65	554	12%	31%	87	554	16%	25%
Hispanic	30	231	13%	14%	37	231	16%	11%
Asian, Black, TwoPlus, Unknown	14	167	8%	7%	28	167	17%	8%
Male	123	1,000	12%	59%	192	1,000	19%	56%
White	63	531	12%	30%	110	531	21%	32%
Hispanic	22	165	13%	10%	46	165	28%	13%
Asian, Black, TwoPlus, Unknown	38	304	13%	18%	36	304	12%	10%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 66. First Generation	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
First generation	54	507	11%	26%	119	507	23%	35%
Not first generation	135	1,083	12%	64%	178	1,083	16%	52%
Unknown	21	197	11%	10%	47	197	24%	14%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 67. Military Affiliation	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
Yes	12	167	7%	6%	28	167	17%	8%
No	198	1,620	12%	94%	316	1,620	20%	92%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 68. Program & Plan	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
BUSN	21	181	12%	10%	30	181	17%	9%
EDUC	7	36	19%	3%	5	36	14%	1%
ENGR	18	198	9%	9%	34	198	17%	10%
JBEL	21	142	15%	10%	15	142	11%	4%
PAFF	10	87	11%	5%	11	87	13%	3%
CLAS (majors only)	36	429	8%	17%	82	429	19%	24%
University Studies	90	656	14%	43%	162	656	25%	47%
Pre/Prep	7	58	12%	3%	5	58	9%	1%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 69. Residency	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
Resident	149	1,434	10%	71%	266	1,434	19%	77%
Resident with exception	5	47	11%	2%	12	47	26%	3%
Nonresident	44	230	19%	21%	56	230	24%	16%
Nonresident WUE	12	76	16%	6%	10	76	13%	3%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 70. Fall 2019 GPA

	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
0.00	14	70	20%	7%	47	70	67%	14%
0.1 - 1.99	24	193	12%	11%	101	193	52%	29%
2.0 - 2.49	16	129	12%	8%	37	129	29%	11%
2.5 - 2.99	37	254	15%	18%	51	254	20%	15%
3.0 - 3.49	53	446	12%	25%	54	446	12%	16%
3.5 - 3.99	54	532	10%	26%	44	532	8%	13%
4.00	12	163	7%	6%	10	163	6%	3%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 71. Credit Hour Load*

	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
< 12	16	82	20%	8%	39	82	48%	11%
12	21	217	10%	10%	50	217	23%	15%
13	54	358	15%	26%	74	358	21%	22%
14	21	159	13%	10%	29	159	18%	8%
15	48	438	11%	23%	73	438	17%	21%
16	38	393	10%	18%	62	393	16%	18%
17+	12	140	9%	6%	17	140	12%	5%
Total	210	1,787	12%	100%	344	1,787	19%	100%

*main and exstu credit

Table 72. Campus Housing

	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
Antero		1			1	1	100%	0%
Aspen	8	65	12%	4%	22	65	34%	6%
Breckenridge	8	67	12%	4%	11	67	16%	3%
Copper	11	71	15%	5%	7	71	10%	2%
Cucharas	12	95	13%	6%	23	95	24%	7%
Eldora	10	80	13%	5%	15	80	19%	4%
Keystone	7	77	9%	3%	20	77	26%	6%
La Plata	12	85	14%	6%	14	85	16%	4%
Monarch	6	40	15%	3%	9	40	23%	3%
San Juan	21	187	11%	10%	28	187	15%	8%
Steamboat	12	76	16%	6%	6	76	8%	2%
Telluride	14	81	17%	7%	18	81	22%	5%
Vail	16	101	16%	8%	16	101	16%	5%
Not on campus	73	761	10%	35%	154	761	20%	45%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 73. Admissions Index

	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
< 93	26	197	13%	12%	56	197	28%	16%
93 - 103	64	398	16%	30%	108	398	27%	31%
104+	117	1,151	10%	56%	173	1,151	15%	50%
Unknown	3	41	7%	1%	7	41	17%	2%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 74. Student Life Participation

	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
Any participation	149	1,291	12%	71%	216	1,291	17%	63%
No participation	61	496	12%	29%	128	496	26%	37%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 75. Academic Advising Visits	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
None	14	85	16%	7%	35	85	41%	10%
1 - 2	119	1,060	11%	57%	186	1,060	18%	54%
3+	77	642	12%	37%	123	642	19%	36%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 76. Quintile	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
Lowest	44	382	12%	21%	84	382	22%	24%
Second	23	216	11%	11%	47	216	22%	14%
Third	29	241	12%	14%	55	241	23%	16%
Fourth	46	378	12%	22%	54	378	14%	16%
Fifth	53	440	12%	25%	65	440	15%	19%
Unknown	15	130	12%	7%	39	130	30%	11%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 77. Pell Grant Recipient	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
Yes	57	528	11%	27%	113	528	21%	33%
No	153	1,259	12%	73%	231	1,259	18%	67%
Total	210	1,787	12%	100%	344	1,787	19%	100%

Table 78. Institutional Financial Aid	Transferred	Cohort	% Transferred	% of Transfers	Gone	Cohort	% Gone	% of Gone
Yes	97	996	10%	46%	166	996	17%	48%
No	113	791	14%	54%	178	791	23%	52%
Total	210	1,787	12%	100%	344	1,787	19%	100%