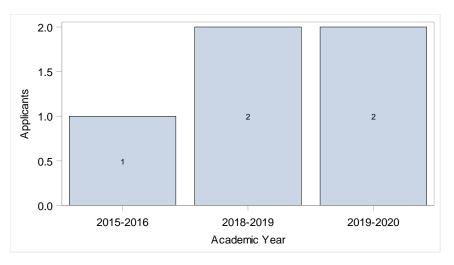
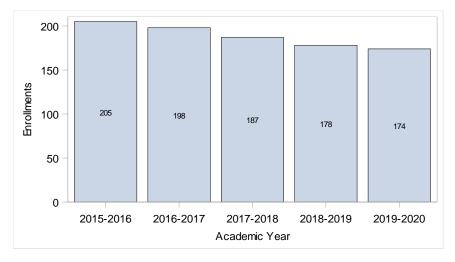
Texas A&M University-Central Texas Program Review Data Bachelor of Science in Computer Information Systems

Table 4. Applied, Admitted, and Newly Enrolled Students. The number of applicants, admissions, and students newly enrolled in the program in the fall semester of the academic year identified. The applied, admitted, and enrolled counts include only students who identified the program on their applications to the university. Additionally, the table includes counts of students who indicated a different program on their application to the university but elected to enroll in the program upon admission. Counts include both students new to the program and students previously enrolled who returned after stopping out one or more semesters.



Program	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Applied	1		-	2	2
Admitted	1			2	2
Enrolled	1			2	2
Enrolled after Applying to a Different Program	25	26	29	31	30
College	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Applied	288	404	352	321	341
Admitted	275	385	325	284	318
Enrolled	213	216	193	174	176
University	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Applied	661	956	845	853	950
Admitted	626	900	791	780	885
Enrolled	473	520	459	459	538

Table 5. Annual Unduplicated Headcount. Counts of unique students attending the program in a given year. Students who change majors are counted in the program last enrolled. Students enrolled in multiple semesters are counted once each year. The counts include self-reported gender and race/ethnicity. Counts of Hispanic students include students identified regardless of the identified race. The other race category includes students who identified in races not presented in the table. The table includes the census date classification of students of the last semester attended in the academic year. Students who enroll in 12 undergraduate or 9 graduate hours in any semester during the year are categorized as full-time; otherwise, they are categorized as part-time. Counts for race/ethnicity and age are masked for values fewer than five and denoted by period.

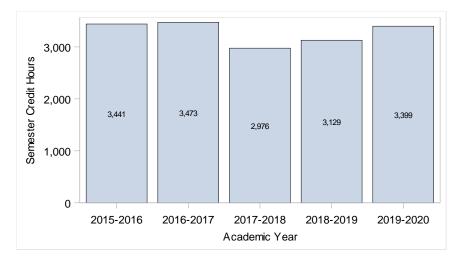


Program	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Bachelor of Science in Computer Information Systems	205	198	187	178	174
1 Female	53	46	34	33	41
2 Male	152	152	153	145	133
1 White	78	70	60	52	51
2 Hispanic	40	41	50	47	43
3 African American	66	67	53	57	58
4 Other	21	20	24	22	22
2 Sophomore	16	19	22	21	16
3 Junior	46	47	43	49	44
4 Senior	134	123	114	99	104
5 Post-Baccalaureate	9	9	8	9	10
Full-Time	84	93	73	85	96
Part-Time	121	105	114	93	78
B 17					
C 18					
D 19 to 21	9	9	8	12	11
E 22 to 24	26	26	25	27	28
F 25 to 34	77	76	67	58	72
G 35 to 50	78	68	72	71	48
H 51 to 64	15	19	15	9	10
I 65 and Over					

College	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
College of Business Administration - Undergraduate	1,249	1,282	1,220	1,163	1,076
1 Female	608	629	589	575	534
2 Male	641	653	631	588	542
1 White	527	513	496	453	400
2 Hispanic	264	276	286	273	279
3 African American	334	372	343	344	305
4 Other	124	121	95	93	92
1 Freshman	2	1	0	0	0
2 Sophomore	113	113	132	107	122
3 Junior	338	361	321	306	287
4 Senior	761	760	734	722	643
5 Post-Baccalaureate	35	47	33	28	24
Full-Time	465	521	504	512	512
Part-Time	784	761	716	651	564
B 17					
C 18					11
D 19 to 21	70	71	70	84	87
E 22 to 24	138	161	172	158	161
F 25 to 34	484	505	443	413	391
G 35 to 50	470	452	447	431	351
H 51 to 64	87	90	83	70	69
I 65 and Over					

University	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
University - Undergraduate	2,645	2,726	2,595	2,535	2,546
1 Female	1,598	1,630	1,519	1,482	1,514
2 Male	1,047	1,096	1,076	1,053	1,032
1 White	1,085	1,125	1,065	1,025	984
2 Hispanic	582	592	605	616	643
3 African American	744	783	723	701	714
4 Other	234	226	202	193	205
1 Freshman	18	11	0	0	0
2 Sophomore	228	237	244	239	274
3 Junior	718	762	682	666	709
4 Senior	1,601	1,619	1,591	1,573	1,510
5 Post-Baccalaureate	80	97	78	57	53
Full-Time	1,006	1,072	1,023	1,063	1,090
Part-Time	1,639	1,654	1,572	1,472	1,456
A Under 17					
B 17					
C 18		5	5	9	32
D 19 to 21	175	168	191	222	239
E 22 to 24	338	389	396	423	443
F 25 to 34	1,023	1,032	936	876	880
G 35 to 50	937	942	875	836	781
H 51 to 64	170	185	181	160	157
I 65 and Over	-	5	9	8	12

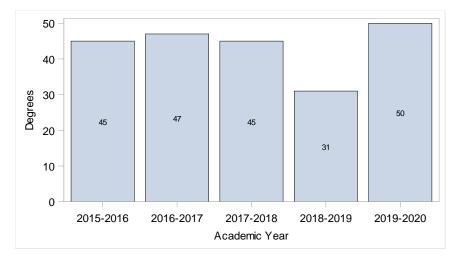
Table 6. Semester Credit Hours. Hours attended by students who declared the program as their major in the year indicated by level, gender, race and ethnicity, and student classification. Hours include all course enrollments by the students in the program, including those taught outside the program's department and college (i.e., electives and courses required for minors).



Program	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Bachelor of Science in Computer Information Systems	3,441	3,473	2,976	3,129	3,399
1 Female	939	750	498	555	804
2 Male	2,502	2,723	2,478	2,574	2,595
1 White	1,347	1,258	987	954	1,032
2 Hispanic	657	732	819	774	852
3 African American	1,113	1,033	807	987	1,095
4 Other	324	450	363	414	420
2 Sophomore	216	255	294	366	387
3 Junior	978	1,021	927	1,056	1,134
4 Senior	2,076	2,044	1,635	1,566	1,749
5 Post-Baccalaureate	171	153	120	141	129

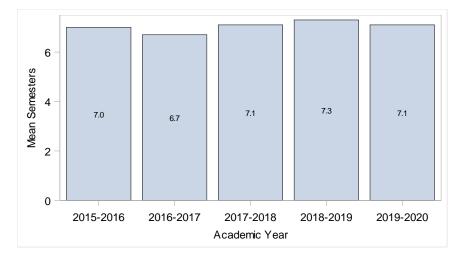
College	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
College of Business Administration - Undergraduate	20,100	20,926	19,918	19,861	18,485
1 Female	10,016	10,601	9,883	9,424	9,149
2 Male	10,084	10,325	10,035	10,437	9,336
1 White	8,719	8,481	7,962	7,978	6,816
2 Hispanic	4,298	4,401	4,749	4,518	4,774
3 African American	5,141	5,989	5,659	5,700	5,181
4 Other	1,942	2,055	1,548	1,665	1,714
1 Freshman	60	3	6	0	0
2 Sophomore	1,587	1,620	1,965	1,602	1,986
3 Junior	6,290	6,791	6,264	6,444	5,880
4 Senior	11,635	11,822	11,218	11,470	10,337
5 Post-Baccalaureate	528	690	465	345	282
University	2015-2016	2016-2017	2017-2018	2018-2019	2010-2020
				2010 2013	2013-2020
University - Undergraduate	42,726	43,626	42,174		42,102
University - Undergraduate 1 Female				42,337	
· · · · · · · · · · · · · · · · · · ·	42,726	43,626	42,174 25,064	42,337 24,432	42,102
1 Female	42,726 26,206	43,626 26,912	42,174 25,064	42,337 24,432	42,102 25,222
1 Female 2 Male	42,726 26,206 16,520	43,626 26,912 16,714	42,174 25,064 17,110	42,337 24,432 17,905 17,534	42,102 25,222 16,880
1 Female 2 Male 1 White	42,726 26,206 16,520 18,158	43,626 26,912 16,714 18,248	42,174 25,064 17,110 17,441	42,337 24,432 17,905 17,534	42,102 25,222 16,880 16,396
1 Female 2 Male 1 White 2 Hispanic	42,726 26,206 16,520 18,158 9,495	43,626 26,912 16,714 18,248 9,314	42,174 25,064 17,110 17,441 9,980	42,337 24,432 17,905 17,534 9,985	42,102 25,222 16,880 16,396 10,646
1 Female 2 Male 1 White 2 Hispanic 3 African American	42,726 26,206 16,520 18,158 9,495 11,541	43,626 26,912 16,714 18,248 9,314 12,290	42,174 25,064 17,110 17,441 9,980 11,586	42,337 24,432 17,905 17,534 9,985 11,487	42,102 25,222 16,880 16,396 10,646 11,504
1 Female 2 Male 1 White 2 Hispanic 3 African American 4 Other	42,726 26,206 16,520 18,158 9,495 11,541 3,532	43,626 26,912 16,714 18,248 9,314 12,290 3,774	42,174 25,064 17,110 17,441 9,980 11,586 3,167	42,337 24,432 17,905 17,534 9,985 11,487 3,331	42,102 25,222 16,880 16,396 10,646 11,504 3,556
1 Female 2 Male 1 White 2 Hispanic 3 African American 4 Other 1 Freshman	42,726 26,206 16,520 18,158 9,495 11,541 3,532 126	43,626 26,912 16,714 18,248 9,314 12,290 3,774 51	42,174 25,064 17,110 17,441 9,980 11,586 3,167 6	42,337 24,432 17,905 17,534 9,985 11,487 3,331 9	42,102 25,222 16,880 16,396 10,646 11,504 3,556 0
1 Female 2 Male 1 White 2 Hispanic 3 African American 4 Other 1 Freshman 2 Sophomore	42,726 26,206 16,520 18,158 9,495 11,541 3,532 126 3,377	43,626 26,912 16,714 18,248 9,314 12,290 3,774 51 3,295	42,174 25,064 17,110 17,441 9,980 11,586 3,167 6 3,611	42,337 24,432 17,905 17,534 9,985 11,487 3,331 9 3,528	42,102 25,222 16,880 16,396 10,646 11,504 3,556 0 4,370

Table 7. Annual Degrees Awarded. The counts of degrees awarded by the program each year disaggregated by gender and race/ethnicity.



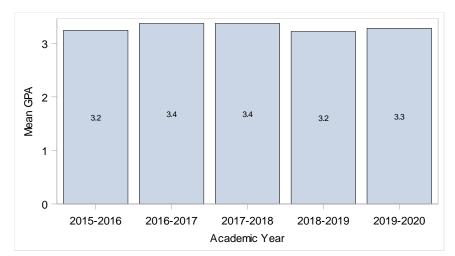
Program	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Bachelor of Science in Computer Information Systems	45	47	45	31	50
1 Female	12	15	8	4	8
2 Male	33	32	37	27	42
1 White	21	16	17	10	18
2 Hispanic		7	12	10	10
3 African American	14	19	10		16
4 Other		5	6		6
College	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
College of Business Administration - Undergraduate	265	279	284	301	263
1 Female	131	136	143	148	123
2 Male	134	143	141	153	140
1 White	121	122	110	125	108
2 Hispanic	54	54	72	63	63
3 African American	64	73	73	93	68
4 Other	26	30	29	20	24
University	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
University - Undergraduate	583	583	624	604	600
1 Female	375	363	398	359	359
2 Male	208	220	226	245	241
1 White	247	267	255	265	250
2 Hispanic	125	121	142	138	143
3 African American	160	144	170	156	157
4 Other	51	51	57	45	50

Table 8. Semesters-to-Degree. The average number of semesters students attend classes at the university to complete the program. The average excludes the semesters attended to complete lower-level work at community colleges or other universities. The averages include students completing a degree in the year indicated. The reported values exclude students persisting or no longer enrolled at the university. The averages exclude students completing a second degree at the same level.



Category	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Bachelor of Science in Computer Information Systems	7.0	6.7	7.1	7.3	7.1
College of Business Administration - Undergraduate	6.7	6.7	6.8	6.7	6.9
University - Undergraduate	6.3	6.3	6.4	6.3	6.6

Table 9. Mean Institutional Grade Point Average (GPA). The mean GPA of students completing the program. The means do not include GPAs of those yet to complete the program, either persisting, stopping out, or dropping out. Grade points for courses transferred into the university are excluded; the averages only include university offered and attended courses—the university grades on a 4.0-grade scale. The means do not include courses where students received a grade other than an A through F (i.e., Pass/Fail or Incomplete).

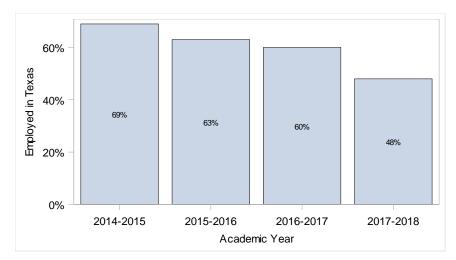


Category	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Bachelor of Science in Computer Information Systems	3.2	3.4	3.4	3.2	3.3
College of Business Administration - Undergraduate	3.3	3.4	3.4	3.4	3.4
University - Undergraduate	3.4	3.4	3.4	3.4	3.4

Program	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Computer Science		-	94.7	88.6	100.0
Decision Making			100.0	91.4	100.0
Discipline-Specific Knowledge			100.0	82.9	93.8
Ethical and Social Responsibility			100.0	97.1	93.8
Global Diversity			81.8	94.3	87.5
Information Processing			94.7	94.3	93.3
Planning			94.7	85.7	100.0
Problem Solving			100.0	91.4	100.0
Quantitative Analysis			100.0	88.6	93.8
Selling			71.4	74.3	75.0
Teamwork			100.0	91.4	100.0
Verbal Communication			100.0	85.7	93.8
Written Communication			93.3	85.7	87.5
College	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Computer Science			88.0	88.8	89.2
Decision Making			97.2	95.5	95.2
Discipline-Specific Knowledge			91.8	92.1	92.8
Ethical and Social Responsibility			96.2	97.2	97.0
Global Diversity			88.6	91.5	89.8
Information Processing			92.8	96.6	95.2
Planning			95.3	92.7	95.8
Problem Solving			95.5	96.0	96.4
Quantitative Analysis			93.6	89.3	88.6
Selling			80.3	80.8	76.0
Teamwork			97.3	95.5	93.4
Verbal Communication			91.2	91.5	94.6
Written Communication			94.5	87.5	91.6
University	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Computer Science			91.7	86.3	86.6
Decision Making			97.1	94.6	95.0
Discipline-Specific Knowledge			91.5	89.3	89.8
Ethical and Social Responsibility			97.0	95.8	96.2
Global Diversity			92.2	90.9	90.7
Information Processing			94.2	94.9	94.2
Planning			96.1	91.7	93.6
Problem Solving			97.3		96.2
Quantitative Analysis			89.1	81.4	84.3
Selling			80.2		75.0
Teamwork			97.3		93.3
Verbal Communication			93.7	90.9	93.9
Written Communication			95.1	85.5	

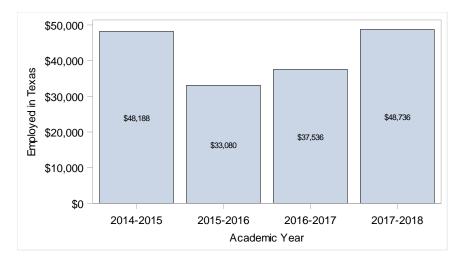
Table 10. Marketable Skills. Students respond to questions on the graduation survey related to marketable skills to indicate perceived gains. The table indicates the percentage of responding graduates who responded as either competent, expert, or advanced.

Table 11. Employed in Texas. The Texas Exit Cohort Report published each year by the Texas Higher Education Coordinating Board (THECB) provides the percentage of graduates employed in Texas one year after graduation. The report matches graduates to state employment records one year after graduation. The report does not include students who are self-employed or working outside of Texas. Values are suppressed for metrics with five or fewer graduates.



Employment Rate	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Bachelor of Science in Computer Information Systems	68.9	63.2	60.3	48.2	-
College of Business Administration - Undergraduate	68.1	62.1	53.1	56.4	-
University - Undergraduate	66.7	63.2	55.7	58.5	

Table 12. Mean Salary. The Texas Exit Cohort Report published each year by the Texas Higher Education Coordinating Board (THECB) provides the mean salaries of graduates employed in Texas one year after graduation. The report matches graduates to state employment records one year after graduation. The report does not include students who are self-employed or working outside of Texas. Values are suppressed for metrics with five or fewer graduates.



Average Annual Salary	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Bachelor of Science in Computer Information Systems	\$48,188	\$33,080	\$37,536	\$48,736	
College of Business Administration - Undergraduate	\$38,319	\$37,388	\$37,148	\$42,129	
University - Undergraduate	\$35,609	\$35,006	\$36,434	\$39,463	

Table 13. Student Success Rates. Fall-to-fall success rates include the count of students newly enrolling each fall semester and the percentage of those students who enrolled the following fall semesters or graduated from the program. Students who changed majors during their academic careers are excluded from both the numerators and denominators. The student counts include newly enrolled students for the fall of the indicated academic year, where the students do not persist at the university in a different major. Persistence rates lag a year, and missing values are shown for the later years due to pending data. Instances, where students do not persist at the university in a different data.

Program	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Students	23	24	28	32	27
First Year	95.7	66.7	67.9	81.3	85.2
Second Year	91.3	62.5	60.7	75	
Third Year	91.3	58.3	64.3		•
Fourth Year	82.6	54.2			•
College	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Students	212	212	196	171	192
First Year	77.8	76.4	75.5	71.3	72.4
Second Year	70.8	68.9	65.3	66.7	•
Third Year	66.5	64.2	63.3		-
Fourth Year	64.6	61.3			-
University	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Students	475	484	433	432	526
First Year	73.1	71.5	73.4	72.9	68.6
Second Year	66.5	64.7	65.4	68.5	
Third Year	63.8	62.6	62.4		
Fourth Year	62.7	61.6	-	-	-

Ideally, reviewers would prefer to see counts of faculty teaching students in a given program. However, many faculty teach students in a variety of programs at the university versus a single program. The tables below offer reviewer's counts of faculty available to support the program by providing counts of faculty who taught subjects managed by the same department and at the same level as the evaluated program. Full-time teaching faculty will have taught four undergraduate or three graduate courses during one or more semesters in the academic year. Some full-time faculty perform duties prohibiting them from teaching a full-time course load. Those faculty, while full-time, are counted as part-time teaching faculty. The tables include counts by rank, race/ethnicity, gender, and age.

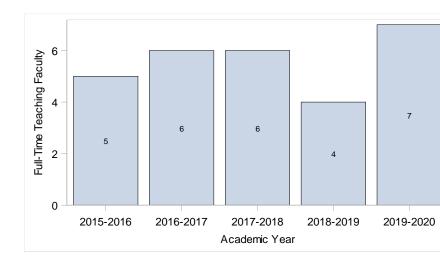
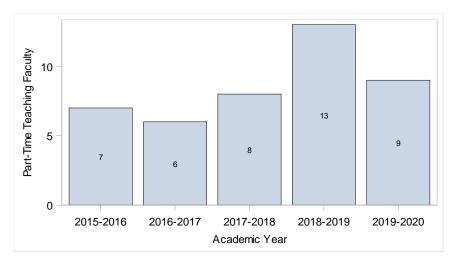


Table 14. Department Full-Time Teaching Faculty.

Department Full-Time Teaching Faculty	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Department of Computer Information Systems	5	6	6	4	7
Adjunct Faculty	0	1	0	0	1
Assistant Lecturer	1	1	1	0	1
Assistant Professor	3	4	3	3	3
Associate Professor	1	0	1	1	1
Visiting Faculty	0	0	1	0	1
1 Female	1	0	1	1	2
2 Male	4	6	5	3	5
1 White	3	4	4	2	3
3 African American	0	0	0	0	1
4 Other	2	2	2	2	3
C 31 to 40	1	2	1	2	2
D 41 to 50	2	1	2	1	2
E 51 to 60	1	1	1	1	1
F 61 to 65	1	2	2	0	2

Table 15. Department Part-Time Teaching Faculty.

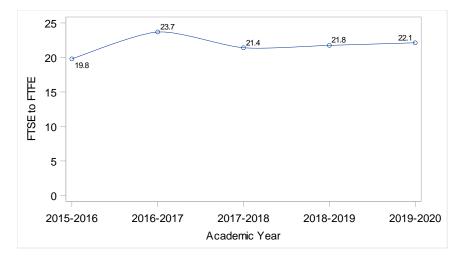


Department Part-Time Teaching Faculty	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Department of Computer Information Systems	7	6	8	13	9
Adjunct Faculty	6	5	6	10	8
Assistant Lecturer	0	0	0	1	0
Assistant Professor	1	1	2	2	1
1 Female	1	1	1	2	2
2 Male	6	5	7	11	7
1 White	3	2	2	3	2
2 Hispanic	0	0	0	1	1
3 African American	2	2	2	2	2
4 Other	2	2	4	7	4
B 20 to 30	0	0	1	2	1
C 31 to 40	1	1	3	5	5
D 41 to 50	1	0	1	1	1
E 51 to 60	3	3	1	1	0
F 61 to 65	1	1	1	3	1
G Greater Than 65	1	1	1	1	1

Table 16. Department Teaching Faculty, Teaching Load. Teaching Load, Full- and Part-Time Teaching Faculty – Average sections taught by full-time or part-time teaching faculty in the department and college that the program is administered and for the university at the same level as the program. The measure indicates the instructional load of faculty. It does not account for faculty members with administrative workload credits.

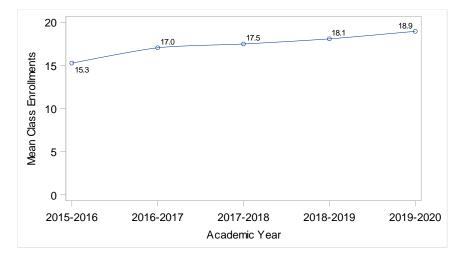
Full-Time, Fall	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Department of Computer Information Systems	3.3	4.5	3.4	3.0	3.0
College of Business Administration - Undergraduate	3.3	4.1	3.6	3.1	3.2
University - Undergraduate	3.3	3.5	3.7	3.3	3.5
Full-Time, Spring	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Department of Computer Information Systems	3.3	3.0	3.0	1.0	4.0
College of Business Administration - Undergraduate	3.1	3.2	3.0	2.7	3.5
University - Undergraduate	3.6	3.2	3.2	3.0	3.4
Part-Time, Fall	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Part-Time, Fall Department of Computer Information Systems	<b>2015-2016</b> 1.3				
-		2.0	2.0	2.0	2.0
Department of Computer Information Systems College of Business Administration -	1.3	2.0 1.7	2.0 2.0	2.0 2.0	2.0 2.1
Department of Computer Information Systems College of Business Administration - Undergraduate	1.3 1.5 1.6	2.0 1.7 1.8	2.0 2.0 1.8	2.0 2.0	2.0 2.1 2.0
Department of Computer Information Systems College of Business Administration - Undergraduate University - Undergraduate	1.3 1.5 1.6	2.0 1.7 1.8 <b>2016-2017</b>	2.0 2.0 1.8 <b>2017-2018</b>	2.0 2.0 1.8 <b>2018-2019</b>	2.0 2.1 2.0 <b>2019-2020</b>
Department of Computer Information Systems College of Business Administration - Undergraduate University - Undergraduate Part-Time, Spring	1.3 1.5 1.6 <b>2015-2016</b>	2.0 1.7 1.8 <b>2016-2017</b> 2.0	2.0 2.0 1.8 <b>2017-2018</b> 2.0	2.0 2.0 1.8 <b>2018-2019</b> 2.0	2.0 2.1 2.0 <b>2019-2020</b> 2.0

Table 17. Student to Faculty Ratio. The ratio of full-time student equivalents to full-time faculty equivalents for students enrolled in the program, college, and university for courses offered in the fall semesters. The ratios for college and university include both graduate and undergraduate levels. A full-time student equivalent is considered 15 hours for undergraduate and 12 hours for graduate students. A full-time faculty equivalent is considered four undergraduate or three graduate courses taught by a faculty member.



Category	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Bachelor of Science in Computer Information Systems	19.8	23.7	21.4	21.8	22.1
College of Business Administration	15.9	16.8	18.8	18.8	17.3
University	13.2	13.1	14.9	14.9	14.3

Table 18. Average Class Size. The average section size of courses offered by the department sponsoring the program.



Subject	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Courses in CIS	16.8	19.1	19.8	20.6	21.6
Courses in COSC	8.0	6.7	8.1	7.9	5.6
Department of Computer Information Systems - Undergraduate	15.3	17.0	17.5	18.1	18.9
College of Business Administration - Undergraduate	19.2	20.6	22.2	22.6	21.4
University - Undergraduate	17.1	17.7	18.2	18.2	16.8

Table 19. Section Enrollments by Course. Counts of student course enrollments for students in the program by course. For courses offered by departments other than the department sponsoring the program, the counts are aggregated by subject for concision. The counts do not include hours generated for students attending the course sections who are not enrolled in the program.

Program		2016-2017	2017-2018	2018-2019	2019-2020
CIS-3300-Computer Technology and Impact	46	42	33	57	35
CIS-3301-Business Analysis with Spreadsheets	39	32	7	25	10
CIS-3302-Introduction to Business Analytics	0	0	12	12	14
CIS-3303-Programming Logic and Design	46	46	39	59	43
CIS-3305-Operating Systems Theory and Practice	16	17	24	21	16
CIS-3306-Data Visualization	0	0	0	0	24
CIS-3312-Technical Support Management and Operations	7	12	0	0	0
CIS-3315-Web Site Development and Design	36	67	51	64	66
CIS-3330-C++ Programming	18	19	20	18	19
CIS-3331-Visual Basic Programming	20	38	15	27	19
CIS-3332-Java Programming	13	21	10	0	25
CIS-3340-Advanced C++ Programming	33	17	10	10	5
CIS-3341-Advanced Visual Basic Programming	18	37	0	0	0
CIS-3342-Advanced Java Programming	11	14	15	9	15
CIS-3343-C# Programming for Windows and the Web	21	15	26	8	8
CIS-3346-Personal Computer Technology	39	43	0	17	0
CIS-3347-Data Communications and Infrastructure	67	68	50	51	51
CIS-3348-Networking Architecture and Design	33	52	17	0	0
CIS-3351-Data Structures	15	21	24	11	14
CIS-3360-Ethics in Computing	0	0	39	17	53
CIS-3361-Introduction to Computer Forensics	0	0	23	53	38
CIS-3365-System Analysis and Design	53	60	43	45	45
CIS-4301-Database Theory and Practices	34	51	43	51	58
CIS-4303-Data Mining	0	0	0	0	6
CIS-4310-Artificial Intelligence	0	0	6	4	0
CIS-4335-UNIX Systems Administration	0	0	9	18	24
CIS-4340-Algorithm Design and Analysis	7	19	27	9	11
CIS-4341-Information Technology Security and Risk Management	15	16	18	48	47
CIS-4342-Computer Security Principles and Practices	5	0	12	16	34
CIS-4345-Network and Systems Security	48	38	43	15	22
CIS-4346-Applied Security	0	0	0	8	20
CIS-4348-Security Trends and Malware Analysis	0	0	0	5	18
CIS-4350-Management Information Systems	58	55	48	45	43
CIS-4351-IS Project Management	0	0	15	11	53
CIS-4352-Structured Query Language	33	22	20	12	11
CIS-4360-Strategic Information Systems	0	0	0	33	52
CIS-4376-Network Administration	41	44	23	17	17

Program	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
CIS-4378-Comprehensive Networking	43	34	33	18	16
CIS-4379-Software Engineering for E-Business	0	0	0	0	16
CIS-4380-Software Engineering	14	12	22	12	0
CIS-4384-Internship in Computer Information Systems	1	0	0	1	3
CIS-4388-Computer Information Systems Problems	19	6	1	3	9
CIS-5304-Data Communications for Managers	2	1	0	0	0
CIS-5307-Advanced Systems Analysis and Design	0	0	0	0	1
CIS-5311-Management Information Systems	1	0	1	1	0
CIS-5353-Big Data Analytics and Management	0	0	1	0	0
COSC-3320-Introduction to Software Engineering	1	0	1	1	0
COSC-3343-Computer Architecture	0	0	1	1	2
COSC-3351-Data Structures	0	0	4	1	2
COSC-3360-Ethics in Computing	0	0	6	15	11
COSC-3380-Operating Systems	5	0	0	0	1
COSC-3443-Computer Architecture	1	0	0	0	0
COSC-4301-Database Theory and Practices	12	7	8	1	2
COSC-4310-Artificial Intelligence	0	0	0	1	0
COSC-4340-Analysis of Algorithms	0	0	1	0	1
COSC-4341-Information Technology Security and Risk Management	2	2	1	7	7
COSC-4378-Computer Networks	0	4	1	1	0
COSC-4388-Computer Science Problems	1	2	0	1	1
Courses in Accounting	9	3	6	10	1
Courses in Biology	0	2	0	0	0
Courses in Business	87	70	74	65	63
Courses in Communication	2	0	2	0	0
Courses in Criminal Justice	3	2	0	6	3
Courses in Education	1	0	0	0	0
Courses in English	71	67	24	19	7
Courses in Finance	1	2	2	5	2
Courses in Fine Arts	0	4	0	1	0
Courses in History	0	0	0	4	3
Courses in Liberal Studies	0	0	0	1	0
Courses in Management	89	68	71	61	59
Courses in Marketing	8	0	1	5	1
Courses in Mathematics	0	1	4	1	1
Courses in Military Science	0	0	4	8	8
Courses in Political Science	1	1	0	0	0
Courses in Psychology	0	1	1	0	0
Courses in Religious Studies	0	2	1	0	0
Courses in Sociology	1	0	1	1	1
Total	1147	1157	994	1047	1137