



SOUTH CAROLINA

COMMISSION ON HIGHER EDUCATION

CHE
03/05/2020
Agenda Item 7.02.B

March 5, 2020

MEMORANDUM

To: Chair Wes Hayes and Members, Commission on Higher Education

From: Chair Charles Munns and Members, Committee on Academic Affairs and Licensing

Report on Terminated and Approved, New and Modified Academic Degree Programs and Certificates from July 1, 2018 through June 30, 2019

Background and Summary

This report provides an overview of program activity from July 1, 2018 through June 30, 2019, identifying academic degree programs terminated and approved; program concentrations terminated and approved; changes to program concentrations; programs extended to or terminated from specific sites; new and terminated certificates, and other changes. The report also provides a summary of the program activity by curricular area and institution, and a comparison of program activity to previous years for the past ten years. Overall, there has been an increase in the number of academic degree programs approved. Most of the programs approved are at the bachelor's and master's level. Net growth in academic programs, concentrations, sites, and certificates has been the greatest in the fields of business and health. The growth in programs are well-aligned with state workforce needs.

Termination and Approval of Academic Degree Programs

In fiscal year 2018-19, ten (10) colleges and universities (seven baccalaureate-degree granting institutions and three associate-degree granting institutions) terminated a total of 20 academic degree programs. During this same time, 17 colleges and universities (11 baccalaureate-degree granting institutions and six associate-degree granting institutions) received approval to offer a total of 42 new academic degree programs. Program development has been in response to identified needs, program productivity, and in rare instances, substantive redesign of extant programs. The following two tables show the academic degree programs at four-year and two-year institutions that were terminated and approved in the past fiscal year, not including program concentrations.

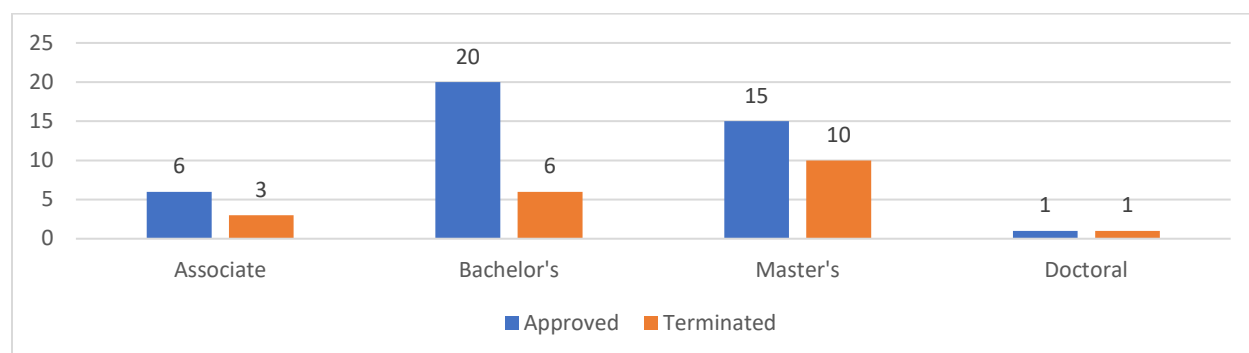
Table 1 Academic Degree Programs Terminated and Approved, Four-Year Institutions

Institution	Terminated	Approved
The Citadel	M.A.Ed., Mathematics Teacher Education	B.S., Cyber Operations B.S., Education B.S., Tactical Strength and Conditioning B.S.B.A., Finance B.S.B.A., Supply Chain Management B.S., Computer Engineering M.S., Instructional Systems Design and Performance Improvement M.A.T., Teaching M.Ed., Higher Education Leadership
Clemson University		B.S., Middle Level Education M.A.T., Teacher Residency in Middle Level Education M.A.T., Teacher Residency in Special Education M.S., Data Science and Analytics M.T.S.A., Transportation Safety Administration
Coastal Carolina University	B.F.A., Musical Theatre	B.S., Applied Statistics B.S., Public Health
College of Charleston	B.A., Mathematics M.A.T., Special Education	B.S., Systems Engineering
Francis Marion University		B.S., Mechanical Engineering B.S., Biology, Pre-Professional Studies Option M.S.N., Psychiatric Mental Health Nurse Practitioner M.S.N., Adult Gerontology Acute Care Nurse Practitioner
Lander University		M.S.M., Management
USC Aiken	B.A., Psychology B.A., Industrial Mathematics	B.A., Chemistry B.A., Communication & Digital Arts B.A., Music B.F.A., Creative and Professional Writing
USC Beaufort		B.S., Information Science and Technology M.Ed., Literacy
USC Columbia	M.S.P.H., Health Promotion, Education, and Behavior DrP.H., Health Promotion, Education, and Behavior	M.S., Athletic Training M.H.I.T., Health Information Technology M.Ed., Applied Behavior Analysis M.S., Adapted Physical Education D.N.P., Nurse Anesthesia
USC Upstate	M.Ed., Early Education M.Ed., Elementary Education B.A., Urban and Regional Studies	B.A., Community Health
Winthrop University	B.S., Science Communication M.A., Art Education M.A., Spanish M.A.T., Early Childhood Education M.Ed., Middle Level Education M.S., Physical Education	B.P.S., Professional Studies
Subtotal	17	35

Table 2 Academic Degree Programs Terminated and Approved, Two-Year Institutions¹

Institution	Terminated	Approved	Note
Aiken Technical College	A.A.S., Network Systems Management		
Greenville Technical College		B.A.S. Advanced Manufacturing Technology	The first baccalaureate degree offered at a technical college.
Horry-Georgetown Technical College		A.A.S., Network Systems Management	
Midlands Technical College		A.A.S., Mechatronics Technology	
Orangeburg-Calhoun Technical College	A.A.S., Network Systems Management		
Trident Technical College		A.A.S., Baking and Pastry Arts	
Williamsburg Technical College	A.A.S., Administrative Office Technology	A.A.S., Nursing	
York Technical College		A.A.S. Surgical Technology A.A.S., Machine Tool Technology	
Subtotal	3	7	
Total	20	42	

Note: If an institution is not listed in the two tables above, it did not terminate programs or receive approval for new programs during the reporting period.

Figure 1. Terminated and Approved Academic Degree Programs by Degree Level

As shown in Figure 1, half of the terminated programs were at the master's degree level (10). Slightly less than half of the new programs approved were at the bachelor's degree level (20). Table 3 presents program approvals and terminations by institutional type. By sector, the comprehensive teaching institutions had the highest net program growth (+10) with 25 approved programs and 15 terminated programs.

¹ Per policy, the Commission only reviews associate degree programs that are new to the S.C. Technical College System and are transferable. As a result, the associate degree programs listed here were approved by the S.C. State Board for Technical and Comprehensive Education and added to the Commission's *Inventory of Academic Programs* through the notification process.

Table 3 Terminated and Approved Academic Degree Programs by Institutional Type

Institution Type	Terminated Programs	Approved Programs	Net
Technical Colleges	3	7	4
Regional Two-Year Campuses	0	0	0
Comprehensive Teaching Institutions	15	25	10
Research Universities	2	10	8
Total	20	42	22

Termination and Approval of Concentrations

Table 4 presents program concentrations that were either terminated or added during FY 2018-19 through notification or the program modification process.

Table 4 Program Concentrations Terminated and Added

Institution	Terminated Concentrations	Added Concentrations
The Citadel		M.S., Health, Exercise, and Sport Science, add Tactical Performance and Resiliency concentration B.S., Computer Science, add Computer Information Systems concentration
Clemson University		B.A., History, add Digital History Concentration
Coastal Carolina University		B.A. Communications, add Sports Communication concentration B.A. English add concentrations: 1. Composition, Rhetoric, and Linguistics, 2. Creative Writing, 3. Literature and Culture, and 4. English Studies B.S., Applied Mathematics, add concentrations in 1. Teacher preparation and 2. Graduate school preparation B.A., Music, add 1. Commercial Music and 2. Jazz concentrations M.B.A. add Nonprofit Administration concentration M.B.A., add Commercial and Investment Real Estate concentration
College of Charleston	B.S., Mathematics, terminate Pure Track B.S., Mathematics, terminate Applied Track	B.S., Mathematics, add Mathematics track B.A., Computing in the Arts, add Game Development and Interaction concentration. B.P.S. Professional Studies. add Legal Studies concentration B.P.S., Professional Studies, add Construction Management concentration B.P.S., Professional Studies, add Quality and Risk Management concentration B.A. & A.B., English, add Literature, Film, and Cultural Studies concentration M.A. in History, add Public History concentration (Joint with The Citadel)

Francis Marion University		B.S., Political Science, add concentration in International Affairs
Lander University		B.S., Chemistry. add Health Science Concentration B.S., Environmental Science add Forensic Science concentration M.Ed., Teaching and Learning. add Montessori Education Concentration
Medical University of South Carolina		M.S., Dentistry, add Digital Dentistry concentration Ph.D., Molecular and Cellular Biology add multiple concentrations
USC Aiken	B.A., Secondary Education, terminate Comprehensive Science concentration B.A., English, terminate Writing concentration B.S.B.A., terminate Marketing/Golf Course Services concentration	B.A., Music Education. add 1. Choral and 2. Instrumental Music Concentrations B.S., Chemistry, add Engineering concentration
USC Columbia	B.A., Management Science, terminate concentrations in 1. Business Information Systems and 2. Business Information Management	Ed.D., Curriculum and Instruction, add STEM concentration
USC Upstate		B.S., Business Administration, add concentration in Logistics and Supply Chain Management B.S., Criminal Justice, add concentration in Crime Analysis
Winthrop University		M.B.A., add Sport Marketing and Revenue Generation concentration. B.S., Human Nutrition. add Chronic Disease Prevention concentration
Piedmont Technical College	A.A.S., Business Administration, remove business transfer concentration	
Technical College of the Lowcountry		A.A.S., Criminal Justice Technology, add concentration in Pre-Police Academy
Tri-County Technical College		A.A.S., Computer Technology, add concentrations in 1) Cybersecurity/Forensics, 2) Software and Web Development, and 3) Network Systems Management A.A.S., Criminal Justice Technology, add paralegal concentration A.A.S., General Technology, add concentrations in 1) Pre-Pharmacy, 2) Mechatronics, and 3) Welding at specified sites A.A.S., Accounting, add Office Specialist concentration
York Technical College		A.A.S., Machine Tool Technology, add Tool and Die concentration
Total	8	45

Programs Terminated from or Extended to Specific Sites

Table 5 presents programs that were either terminated from or extended to specific sites during FY 2018-2019.

Table 5 Programs Terminated from or Extended to Specific Sites

Institution	Programs Terminated from Specific Sites	Programs Extended to Specific Sites
Clemson University		M.S. Computer Science, add Campbell Graduate Engineering Center M.B.A., add online
College of Charleston		M.A., Communication, add online M.Ed., Languages, Spanish concentration, add online
USC Aiken		B.A., Early Childhood Education, add USC Salkehatchie Campus B.A., Early Childhood Education, add USC Sumter Campus B.A., Elementary Education, add USC Sumter Campus B.S., Nursing, add USC Sumter campus B.S., Nursing, add USC Union campus
USC Beaufort		B.S., Hospitality Management, add Hilton Head Island Campus B.S.N., Nursing, add USC Salkehatchie Site
USC Columbia		PBCERT, Enterprise Resource Planning Systems, add online M.P.H., Health Services Policy and Management, add online Ed.S., Educational Administration, add online D.N.P., Nursing Practice, add online B.A., Liberal Studies. Add Lexington Middle School B.A., Organizational Leadership, add Lexington Middle School B.S., Hospitality Management, add dual degree with Beijing International Studies University, China. B.S., Tourism Management. add dual degree with Beijing International Studies University, China. B.S., Hospitality Management, add dual degree with National Economic University, Vietnam Professional M.B.A. add Marine Corp Recruiting Depot and Marine Corp Air Station M.I.B., International Business, add dual degree with ESSEC Business School, France. M.I.B., International Business, add dual degree with Aalto University School of Business, Helsinki, Finland Ph.D., Business Administration. (1) Add dual degree with Instituto Tecnológico y de Estudios Superiores de Monterrey, Mexico.

		(2) Add dual degree with Universidad de Chile.
USC Lancaster		A.A., add Indian Land High School A.S., add Indian Land High School
USC Sumter		A.A., add Ridge View High School A.S., add Ridge View High School
USC Upstate	B.S.S.E., Learning Disabilities, terminate the UCG location B.S., Criminal Justice, terminate the UCG location B.A., Urban and Regional Studies, terminate the UCG location	B.A., Child Development and Family Studies, add online B.A., English, add online B.A./B.S. Interdisciplinary Studies, add online
Piedmont Technical College	A.A.S., Business Administration, terminate sites for the program: 1. Abbeville, 2. Edgefield, 3. McCormick, 4. Saluda	A.A.S., Business Administration, add 1. main campus, 2. Abbeville, 3. Edgefield, 4. Laurens, 5. McCormick, 6. Newberry, 7. Saluda, 8. blended, and 9. online
Tri-County Technical College	A.A., remove 1. distance education receiver site and 2. Fred P Hamilton Career Center A.A.S., Criminal Justice Technology, terminate distance education receiver site	A.A., add blended distance education A.A.S., CNC Programming & Operations add Industrial Technology Center A.A.S., Criminal Justice Technology, add blended distance education A.A.S., Manufacturing Management and Leadership, add 1. Anderson, 2. Easley, 3. Industrial Technology Center, and 4. blended distance education A.A.S., Administrative Office Technology, add 1. Anderson, 2. Easley, and 3. blended distance education A.A.S., General Technology, add 1. main campus, 2. Anderson, 3. Easley, 4. Industrial Technology Center
Total	10	55

Certificate Programs Terminated or Added

Table 6 presents the certificate programs terminated or added by institutions during FY 2018-19.

Table 6 Certificate Programs Terminated and Added

Institution	Certificate Programs Terminated	Certificate Programs Added
The Citadel		BCERT, Tactical Performance and Resiliency PBCERT, Higher Education PBCERT, Mathematics Education
Clemson University		Agricultural Education Teacher Certificate PBCERT, Homeland Defense and Security CERT, Business Anthropology & Human Behavior
Coastal Carolina University		PBCert, Applied Archaeology
Medical University of South Carolina		PBCert, Clinical Research Certificate
College of Charleston	PBCERT, Arts Management	PBCERT, Arts and Cultural Management
USC Columbia		PBCert, Global Health Certificate PMCERT, Nurse Informatics
USC Upstate		CERT, Global Competence
Total	1	12

Summary of Terminated and Approved Academic Degree Programs, Program Concentrations, Sites, and Certificates

Table 7 presents the total number of academic degree programs, program concentrations, sites, and certificate programs that were either terminated or approved/added.

Table 7 Terminated and Approved Academic Degree Programs, Program Concentrations, Sites, and Certificates

Category	Terminated	Approved	Net
Academic Degree Programs (Associate, Bachelor's, Master's, and Doctoral)	20	42	22
Concentrations	8	45	39
Sites	10	55	46
Certificates	1	12	11
Total	39	157	118

Table 8 presents the academic degree programs, program concentrations, sites, and certificate programs terminated and approved/added organized by field of study. Business, Management, and Marketing (+25), health professions (+16), and interdisciplinary studies (+15) experienced the greatest net growth in academic programs during the FY 2018-19. year. This is consistent with trends in statewide workforce needs. The only field to experience a negative net change was foreign languages. (-1). Three fields had a net change of zero (psychology, social science, and mathematics).

Among total approved and terminated programs, concentrations, sites, and certificates, business-related majors had the largest number of total additions during this same period (34), with most coming from new site additions (24). The two fields of education and health professions were tied for the second highest number of total additions (18). In both cases, 50% of those additions (9) were from new degree programs. Regarding terminations, the most common types of terminations were in education (10) and business-related fields (9). These two fields accounted for almost half of the terminations during this period.

Four fields (business, interdisciplinary studies, computer and information systems, and English) added five or more concentrations during the year. The field of business added 24 sites (due mainly to new joint program sites at the University of South Carolina Columbia and the expansion of business concentrations at Piedmont Technical College campuses). There were seven new sites added for liberal arts and sciences. Of those, five are part of the USC Palmetto College network. One quarter of the newly added certificates are in health professions (3). There were also two certificate programs added in multidisciplinary studies and education.

Table 8 Terminated and Approved Academic Degree Programs, Program Concentrations, Sites, and Certificates by Curricular Area (Note: T=Terminated and A = Approved, same in below tables)

Disciplinary Areas	Degree Programs		Concentrations		Sites		Certificates		Total		Net
	T	A	T	A	T	A	T	A	T	A	
Business, Management, and Marketing	1	4	4	6	4	24			9	34	25
Health Professions	2	9		1		5		3	2	18	16
Multi/Interdisciplinary Studies		2		7		4		2	0	15	15
Education	8	9	1	2	1	5		2	10	18	8
Computer and Information Sciences	2	3		5		1			2	9	7
English Language and Literature		1	1	5		1			1	7	6
Liberal Arts and Sciences					2	7			2	7	5
Engineering Technologies		1				4			0	5	5
Engineering		4							0	4	4
Visual and Performing Arts	1	1		4			1	1	2	6	4
Physical Sciences		1		2					0	3	3
Homeland Security, Law Enforcement, and Firefighting				3	2	1		1	2	5	3
Precision Production		1		1		1			0	3	3
Family and Consumer Sciences.				1		1			0	2	2
Parks, Recreation, Leisure, and Fitness Studies		1						1	0	2	2
Biological and Biomedical Sciences		1		1					0	2	2
History				2					0	2	2
Communication and Journalism	1	1		1		1			1	3	2
Agriculture								1	0	1	1
Personal and Culinary Services		1							0	1	1
Psychology	1	1							1	1	0
Social Sciences	1			1	1			1	2	2	0
Mathematics and Statistics	2	1	2	3					4	4	0
Foreign Languages, Literatures, and Linguistics	1								1	0	-1
TOTAL	20	42	8	45	10	55	1	12	39	154	115

Tables 9 compares the number of academic degree programs, concentrations, sites, and certificate programs terminated with the number approved/added by institution and sector type. Overall, the top three institutions for the greatest net changes were Tri-County Technical College (+19), USC Columbia (+16), The Citadel (+13), and Coastal Carolina (+13).

For the technical colleges, six institutions added new programs (York added two), and three institutions terminated programs. Tri-County added eight concentrations and programs at 14 sites. Piedmont added programs at nine sites.

For the USC Palmetto/regional campuses, there were a total of four programs with new sites added.

**Table 9 Terminated and Approved Academic Degree Programs,
Program Concentrations, Sites, and Certificates by Institution**

Institution	Degree Programs		Concentrations		Sites		Certificates		Total		Net
	T	A	T	A	T	A	T	A	T	A	
Aiken	1								1	0	-1
Central Carolina									0	0	0
Denmark									0	0	0
Florence-Darlington									0	0	0
Greenville		1							0	1	1
Horry-Georgetown		1							0	1	1
Midlands		1							0	1	1
Northeastern									0	0	0
Orangeburg-Calhoun	1								1	0	-1
Piedmont			1		4	9			5	9	4
Spartanburg									0	0	0
Tech College of Lowcountry				1					0	1	1
Tri-County				8	3	14			3	22	19
Trident		1							0	1	1
Williamsburg	1	1							1	1	0
York		2		1					0	3	3
Subtotal Two-years	3	7	1	10	7	23	0	0	11	40	29
Lancaster						2			0	2	2
Salkehatchie									0	0	0
Sumter						2			0	2	2
Union									0	0	0
Subtotal USC Regional Campuses	0	0	0	0	0	4	0	0	0	4	4
The Citadel	1	9		2				3	1	14	13
Clemson		5		1		2		3	0	11	11
Coastal Carolina	1	2		11				1	1	14	13
College of Charleston	2	1	2	7		2	1	1	5	11	6
Francis Marion		4		1					0	5	5
Lander		1		3					0	4	4
Medical Univ. of SC				2				1	0	3	3
South Carolina State									0	0	0
USC Aiken	2	4	3	3		5			5	12	7
USC Beaufort		2				2			0	4	4
USC Columbia	2	5	2	1		14		2	4	22	18
USC Upstate	3	1		2	3	3		1	6	7	1
Winthrop	6	1		2					6	3	-3
Subtotal Four-years	17	35	7	35	3	28	1	12	28	110	82
Total	20	42	8	45	10	55	1	12	39	154	115

For the four-year institutions, The Citadel added the most programs (9). The University of South Carolina Columbia and Clemson were the next most common with five new programs each. Francis Marion and USC Aiken added four new programs each. Winthrop terminated six programs and was the only four-year institution with a net negative program total (-3). Coastal Carolina add 11 concentrations, and the College of Charleston added seven concentrations. USC Aiken terminated three concentrations and the College of Charleston and USC Columbia terminated two concentrations each. USC Columbia added programs at 14 sites. USC Aiken added five sites for programs (at USC regional campuses). Also, The Citadel and Clemson added three new certificate programs each.

Table 10 Terminated and Approved Academic Degree Programs, Program Concentrations, Sites, and Certificates by Institution Type

Institution Type	Terminated	Approved	Net
Technical Colleges	11	40	29
Regional Two-Year Campuses	0	4	4
Comprehensive Teaching Universities	24	74	50
Research Universities	4	36	32
Total	39	154	115

Comparison of Terminated and Approved Academic Degree Programs, Program Concentrations, Sites, and Certificates by Year

Table 11 compares the number of academic degree programs terminated and approved and the total number of terminated and approved/added academic degree programs, program concentrations, sites, and certificates by year over the past 10 years.

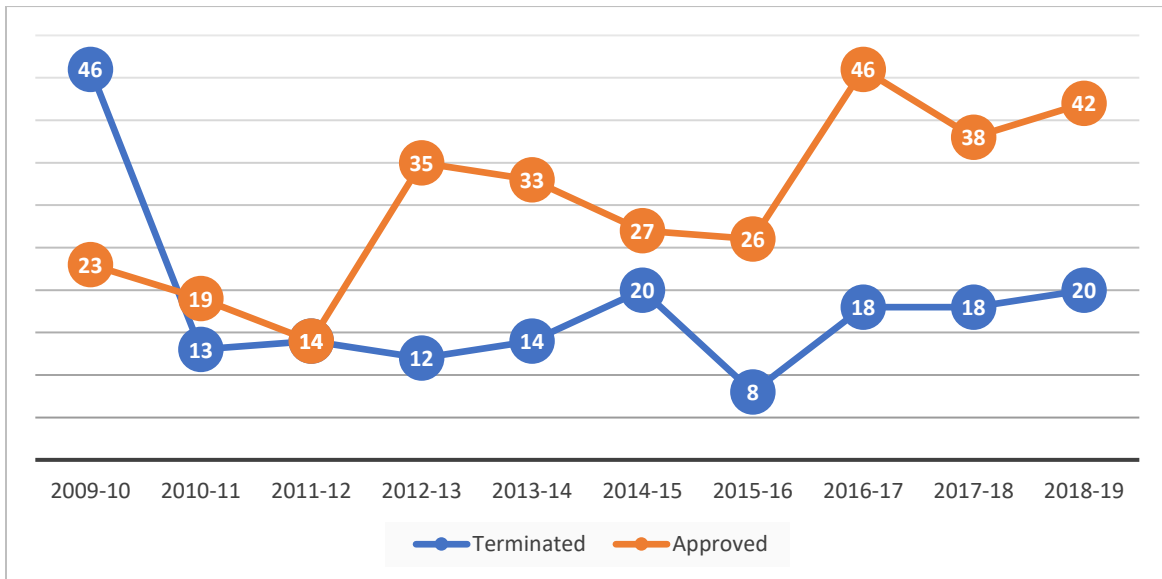
The number of terminated programs was tied for second highest in the last 10 years. This value has trended upward over the last four years. Additionally, the number of approved programs was the second highest during that period. The net change in programs only grew by two from the previous year.

Overall, only 39 terminated programs, concentrations, sites, and certificates were terminated, the third lowest during the 10-year period. About 51% of the terminations were from academic programs. However, this year had the second highest number of total additions (154). Academic programs only accounted for 30% of total additions in the past year. Though not consistent, there has been continued growth in net program changes over the last ten years.

Table 11 Terminated and Approved Academic Degree Programs, Program Concentrations, Sites, and Certificates by Year

Year	Academic Degree Programs			Academic Degree Programs, Concentrations, Sites, and Certificates		
	Terminated	Approved	Net	Terminated	Added	Net
2009-10	46	23	-23	65	49	-16
2010-11	13	19	6	26	66	40
2011-12	14	14	0	49	67	18
2012-13	12	35	23	38	90	52
2013-14	14	33	19	48	103	55
2014-15	20	27	7	61	125	64
2015-16	8	26	18	50	77	27
2016-17	18	46	28	83	177	94
2017-18	18	38	20	48	119	71
2018-19	20	42	22	39	154	115

Figure 2. Terminated and Approved Academic Degree Programs, FY 2009-2010 to FY 2018-2019



Conclusions

Overall, there has been continued net growth in academic program development. In FY 2018-2019, the majority of program additions occurred in the following disciplinary areas:

- Business/management
- Health
- Multidisciplinary studies

Figure 2 indicates that the number of approved academic degree programs slightly increased compared with FY 2017-2018. According to *SCWorks* (jobs.scworks.org) in September 2019, healthcare and business-related occupations had the highest number of job openings in the state. Therefore, the increase and expansion of programs in these disciplinary areas is consistent with the workforce needs of the state.

Most of the overall growth has been in the expansion of existing academic programs through new sites and concentrations. Such approval and terminations show institutions continue to evaluate and refine their program offerings. The results of this data illustrate that there is continued growth in academic programs that are more specialized with targeted delivery to fulfill the more structured workforce demands for the state.