

R. Wes Hayes, Jr.
Chairman

Rusty L. Monhollon, Ph.D.
President & Executive Director

Agenda Item 7.02.G
CHE Meeting



December 3, 2020

MEMORANDUM

To: Chair Wes Hayes and Members, SC 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, Sites, and Certificates from July 1, 2019 through June 30, 2020

Background and Summary

This report provides an overview of program activity from July 1, 2019 through June 30, 2020, 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 a decrease in the number of academic degree programs approved. Most of the programs approved are at the bachelor's degree and master's degree levels. Net growth in academic programs, concentrations, sites, and certificates has been the greatest in the fields of business and liberal arts and science. The growth in programs are well-aligned with state workforce needs. Moreover, the termination of programs, concentrations, and sites shows the institutions continue to re-evaluate and refine their program offerings.

Termination and Approval of Academic Degree Programs

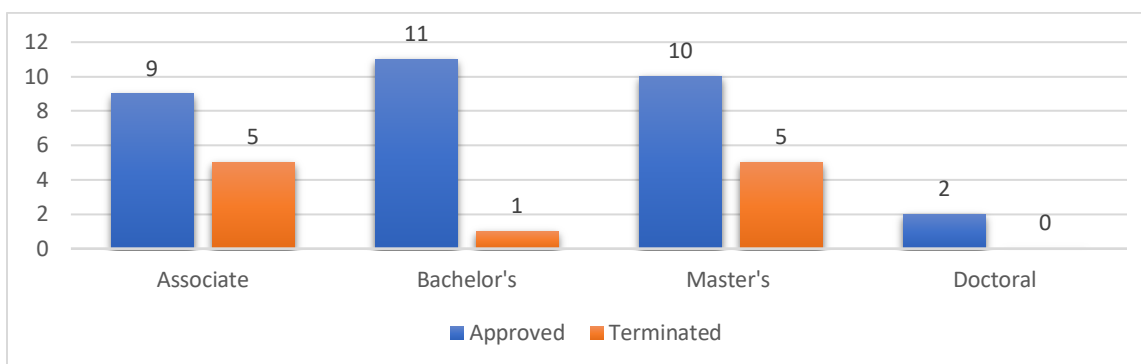
In fiscal year 2019-20, nine colleges and universities (four baccalaureate-degree granting institutions and five associate-degree granting institutions) terminated a total of 11 academic degree programs. During this same time, 13 colleges and universities (eight baccalaureate-degree granting institutions and five associate-degree granting institutions) received approval to offer a total of 32 new academic degree programs. Program development has been in response to identified needs, program productivity, and in rare instances, substantive redesign of extant programs. Table 1 shows the academic degree programs at four-year and two-year intuitions 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
Clemson University	B.S., Youth Development Studies	M.W.F.R., Wildlife and Fisheries Resources M.H.R.D., Human Resources Development M.S., Agriculture Ph.D., Agriculture
Coastal Carolina University		B.A., Religious Studies
College of Charleston	M.A.T., Middle Grades Education	B.S. Electrical Engineering
Francis Marion University		B.A./B.S., Performing Arts
Lander University		B.Des., Graphic and Interactive Media B.S., Health Promotion and Wellness B.S., Human Services B.S., Paralegal Studies M.F.A., Visual Art B.A.S., Business Administration B.A., Humanities B.A., International Studies M.A.T., Visual Art
Medical University of SC	M.S., Nurse Anesthesia	M.S., Speech-Language Pathology
USC Columbia	M.C.D., Speech-Language Pathology M.S., Information Security M.S., Software Engineering	Ed.D., Education Practice and Innovation M.S.N., Master's Entry Practice Nursing M.S.L., Health Systems Law
USC Upstate		B.S., Cybersecurity M.S.N., Nursing Leader M.S.N., Nursing Education
Aiken Technical College	A.A.S., Nuclear Quality Systems	
Florence-Darlington Technical College	A.A.S., Administrative Office Technology	
Horry-Georgetown Technical College	A.A.S., Administrative Office Technology	A.A.S., Teaching Fundamentals A.A.S., Cybersecurity
Midlands Technical College	A.A.S., Health Information Management	A.A.S., Engineering Fundamentals A.A.S., Emergency Medical Technology
Orangeburg-Calhoun Technical College	A.A.S., Paralegal	
Technical College of the Low Country		A.A.S., Hospitality/Tourism Management A.A.S., Culinary Arts Technology A.A.S., Baking and Pastry Arts
Tri-County Technical College		A.A.S., Surgical Technology
Trident Technical College		A.A.S., Cybersecurity
Total	11	32

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, most of the terminated programs were at the associate and master's degree level. About one third of the new programs approved were at the bachelor's degree level (11). Table 2 presents program approvals and terminations by institutional sector. The comprehensive teaching institutions had the highest net program growth (+14) with 15 approved programs and 1 terminated program.

Table 2. Terminated and Approved Academic Degree Programs by Institutional Type

Institution Type	Terminated Programs	Approved Programs	Net
Technical Colleges	5	9	+4
Regional Two-Year Campuses	0	0	0
Comprehensive Teaching Institutions	1	15	+14
Research Universities	5	8	+3
Total	11	32	+21

Termination and Approval of Concentrations

Table 3 presents program concentrations that were either terminated or added during FY 2019-20 through notification or the program modification process.

Table 3. Program Concentrations Terminated and Added

Institution	Terminated Concentrations	Added Concentrations
Clemson University	B.S., Science Teaching, terminate Physical Science concentration B.A., Sociology, terminate Criminal Justice concentration M.Ed., Special Education, terminate concentrations in Emotional/Behavioral Disabilities Disorders, Learning Disabilities, and Intellectual Disabilities	B.A., History, add Digital History concentration M.Ed., Teaching and Learning, add concentrations in STEAM, Experiential Learning for Early Childhood, Instructional Coaching, Effective and Reflective Teaching, and Self-Designated Specialization M.R.E.D., Real Estate Development, add Experienced Development Professional and Entry Level Early Career M.S., Automotive Engineering, add concentrations in Vehicle Manufacturing and Materials, Vehicle Performance, Advanced Powertrains and Drivelines, and Vehicle Automation and Electronics
Coastal Carolina University		B.S., Applied Mathematics, add concentrations in Teacher Preparation and Graduate School Preparation B.S.B.A., Hospitality, Resort, and Tourism Management, add concentrations in Event

		Planning, Tourism Sales, and Sustainable Resort Development
College of Charleston	B.A., International Studies, terminate International Comparative Literature concentration	B.A., International Studies, add Global Studies concentration B.P.S., Professional Studies, add concentrations in Construction Management and Quality and Risk Management B.A. and A.B., English, add Literature, Film, and Cultural Studies concentration
Francis Marion University		B.S., Chemistry, add Forensic Science concentration B.A., Management Information Systems, add Systems Management and Systems Design concentrations B.A., Visual Arts, add Art Education concentration
Lander University		B.S., Business Administration, add Sport Management, Hospitality Management, and Information Technology Management concentrations B.S., History, Add Public History concentration
Medical University of South Carolina		D.N.P., Nursing Practice, add Lifespan Palliative Care concentration
South Carolina State University		B.S., Health and Physical Education, add concentrations in Sports Communication and Applied Exercise Science
USC Aiken		B.S., Chemistry, add Computational Chemistry concentration
USC Beaufort		B.S., Biology, add Marine Biology concentration
USC Columbia	M.P.H., Health Services Policy and Management, terminate Epidemiology, Health Administration, Health Promotion and Education, and Public Health concentrations M.P.H., Physical Activity and Public Health, terminate Programmatic and Surveillance concentrations M.S., Pharmaceutical Studies, terminate Medicinal Chemistry (Biomedical), Medical Chemistry (Synthetic), and Pharmaceutics concentrations B.S., Geological Sciences, terminate Marine Geology concentration	B.A.J.M.C., Advertising, Broadcast Journalism, Journalism, Mass Communications, Public Relations, and Visual Communication, add Sports Media concentration B.A., Music, add Musical Theatre concentration
USC Upstate		M.Ed., Applied Learning and Instruction, add Research in Practice concentration B.S.B.Admin., Business Administration, add Entrepreneurship and Innovation concentration
Winthrop University	B.S., Business Administration, terminate General Business and Sustainable Business concentrations	B.S., Exercise Science, add Athletic Training Concentration B.M.E., Music, add Choral and Instrumental concentrations B.A., Sociology, add Social Inequalities concentration
Total	18	42

Programs Terminated from or Extended to Specific Sites

Table 4 presents programs that were either terminated from or extended to specific sites (including hybrid and online) during FY 2019 – 20.

Table 4. Programs Terminated from or Extended to Specific Sites

Institution	Programs Terminated from Specific Sites	Programs Extended to Specific Sites
The Citadel		M.S., Project Management, add online
Clemson University	M.Ed., Teaching and Learning, terminate sites at University Center of Greenville, Anderson County School District, Greenville County School District, Pickens County School District, and Oconee County School District M.Ed., Special Education, terminate sites at University Center of Greenville, Pickens County School District, Greenville County School District, Oconee County School District, and Anderson County School District	Ph.D., Curriculum and Instruction, add online Ph.D., Learning Sciences, add online Ph.D., Special Education, add online Ph.D., Literacy, Language, and Culture, add online Ed.D., Education Systems Improvement Science, add online M.R.E.D., Real Estate Development, add Clemson Design Center in Charleston site M.S., Mechanical Engineering, add CUICAR site M.C.S.M., Construction Science and Management, add online and blended distance education
College of Charleston	B.G.S., General Studies, terminate N. Charleston site B.P.S., Professional Studies, terminate N. Charleston site.	B.P.S., Professional Studies, add main campus site
Lander University		B.S., Business Administration, add online, hybrid delivery, and UCG site
South Carolina State University		Ed.D., Education Administration add online delivery
USC Aiken		B.S., Psychology, add blended distance education B.S., Applied Computer Science, add blended distance education B.A.S.Ed., Special Education, add online
USC Beaufort		B.S.N., Nursing, add USC Salkehatchie campus B.A., Interdisciplinary Studies, add online B.A., Psychology, add blended distance education and online B.A., Sociology, add blended distance education and online B.S., Hospitality Management, add blended distance education and online B.S., Human Services, add blended distance education and online B.S., Public Health, add blended distance education and online B.S., Biology, add Island Campus
USC Columbia		M.S.P. Speech Pathology, add online Ph.D., Business Administration, dual degree with La Universidad Austral, Buenos Aires, Argentina

		M.I.B., International Business, add online M.M.C., Journalism and Mass Communication, add online Ph.D., Business Administration, dual degree with Sungkyunkwan University, Seoul, Korea M.A., Journalism and Mass Communications, dual degree with National Chengchi University, Taiwan M.M.C., Journalism and Mass Communications, dual degree with National Chengchi University, Taiwan M.S.E.M., Sport and Entertainment Management, dual degree with Hamid Bin Khalifa University, Qatar M.S., Exercise Science, dual degree with Hamid Bin Khalifa University, Qatar and add Blended Distance Education
USC Lancaster		A.A. & A.S., add Gray Collegiate Academy and Legion Collegiate Academy
USC Salkehatchie		A.A. & A.S., add Holly Hill Academy and Polaris Tech Charter School
USC Sumter		A.A. & A.S., add Blythewood High School, Lexington Two Innovation Center site, Richland Two Institute of Innovation, Gilbert High School, and White Knoll High School
USC Union		A.A. & A.S., add Clover High School and Legion Collegiate Academy
USC Upstate	B.S.N., Nursing Generic (No RN), terminate UCG location BSBAdmin, General Business concentration, terminate UCG location	
Total	14	52

Certificate Programs Terminated or Added

Table 5 presents the certificate programs terminated or added by institutions during FY 2019-20.

Table 5. Certificate Programs Terminated and Added

Institution	Certificate Programs Terminated	Certificate Programs Added
The Citadel	PBCERT, Information Systems	
Clemson University	PBCERT, Services Science, Management and Engineering CERT, Leadership Certification PBCERT, International Parks and Tourism PMCERT, Event Management CERT, Athletic Leadership CERT, Sports Coaching and Character Development CERT, Sports Psychology and Motivation CERT, Sports First Aid and Conditioning	PMCERT, Educational Leadership PMCERT, Leadership & Innovation in Health & Design PBCERT, Emergency Management PBCERT, Online Teaching PBCERT, MBA Business Analytics Certificate CERT, Beef Cow-Calf Management PBCERT, Literacy Teacher PBCERT, Literacy Specialist PBCERT, Literacy Coach
Coastal Carolina University	PBCERT, English for Speakers of Other Languages	PBCERT, Women in Technology

Institution	Certificate Programs Terminated	Certificate Programs Added
Medical University of South Carolina	PMCERT, Psychiatric-Mental Health Lifespan within DNP	PBCERT, Certificate in Innov Teaching in Healthcare Educ
College of Charleston	PBCERT, Information Systems Post Grad. Cert., Special Education	CERT, Sustainability & 21st Century Business Solutions CERT, Cultural Sustainability
USC Aiken		CERT, Women's and Gender Studies
USC Columbia		PBCERT, Artificial Intelligence
USC Upstate		CERT, Women's and Gender Studies CERT, Critical Disability Studies
Winthrop University		CERT, Maternal-Infant Nutrition and Lactation PBCERT, Maternal-Infant Nutrition and Lactation
Total	13	19

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

Table 6 presents the total number of academic degree programs, program concentrations, sites, and certificate programs that were either terminated or approved/added.

Table 6. 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)	11	32	+21
Concentrations	18	42	+24
Sites	14	52	+38
Certificates	13	19	+6
Total	56	145	+89

Table 7 presents the academic degree programs, program concentrations, sites, and certificate programs terminated and approved/added organized by field of study. Business-related fields (+22) and liberal arts and sciences (+12) experienced the greatest net growth in academic programs during the FY 2019-20. year. This is consistent with trends in statewide workforce needs and the expansion of degree completion opportunities. The only field to experience a negative net change was family and consumer science (-1). Two fields had a net change of zero (engineering technology and parks, recreation, leisure, and fitness studies).

Among total approved and terminated programs, concentrations, sites, and certificates, business-related majors had the largest number of total additions (27) during this same period, with most coming from new site additions (12) and concentrations (11). Education (24) and health-related professions (16) had the second and third highest total of additions respectively. Regarding terminations, the most common fields for terminations were also in education (18) and health-related fields (14). These two fields accounted for more than half of the terminations during this period. These changes reflect how institutions are seeking to update programs to meet the present market needs in these fields.

Two fields (business and education) accounted for almost half of the new concentrations during this period. The field of business added 12 sites (due mainly to new joint program sites at the University of South Carolina Columbia). There were nine new sites added for liberal arts and sciences that are all part

of the USC Palmetto College network. Most of the new certificate programs are in education (7), multi-disciplinary studies (4), and health professions (4).

Table 7. 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	2	3	2	11	1	12		1	5	27	22
Liberal Arts and Sciences		1				11			0	12	12
Multi/Interdisciplinary Studies		1	1	3	2	2		4	3	10	7
Visual and Performing Arts		4		2				1	0	7	7
Education	1	2	4	8	10	7	3	7	18	24	6
Engineering	1	2		4		1	1		2	7	5
Communication and Journalism				1		3			0	4	4
Social Sciences			1	1		4			1	5	4
Agriculture		2						1	0	3	3
Health Professions	3	7	9	1	1	4	1	4	14	16	2
Computer and Information Sciences	1	3				1	2	1	3	5	2
Physical Sciences			1	3					1	3	2
History				2					0	2	2
Personal and Culinary Services		2							0	2	2
Psychology						3	1		1	3	2
Mathematics and Statistics				2					0	2	2
English Language and Literature				1					0	1	1
Natural Resources and Conservation		1							0	1	1
Philosophy and Religious Studies		1							0	1	1
Biological and Biomedical Sciences						1			0	1	1
Legal Professions	1	2							1	2	1
Public Admin and Social Services		1							0	1	1
Engineering Technologies	1					1			1	1	0
Parks, Recreation, Leisure, and Fitness Studies				3		2	5		5	5	0
Family and Consumer Sciences	1								1	0	-1
TOTAL	11	32	18	42	14	52	13	19	56	145	89

Tables 8 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 Lander University (+16), USC Beaufort (+14), and Clemson University (+10).

**Table 8. 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	1								1	0	-1
Greenville									0	0	0
Horry-Georgetown	1	2							1	2	1
Midlands	1	2							1	2	1
Northeastern									0	0	0
Orangeburg-Calhoun	1								1	0	-1
Piedmont									0	0	0
Spartanburg									0	0	0
Tech College of Lowcountry		3							0	3	3
Tri-County		1							0	1	1
Trident		1							0	1	1
Williamsburg									0	0	0
York									0	0	0
Subtotal Two-years	5	9	0	0	0	0	0	0	5	9	4
Lancaster						2			0	2	2
Salkehatchie						2			0	2	2
Sumter						5			0	5	5
Union						2			0	2	2
Subtotal USC Regional Campuses	0	0	0	0	0	11	0	0	0	11	11
The Citadel						1	1		1	1	0
Clemson	1	4	5	12	10	9	8	9	24	34	10
Coastal Carolina		1		5			1	1	1	7	6
College of Charleston	1	1	1	4	2	1	2	2	6	8	2
Francis Marion		1		4					0	5	5
Lander		9		4		3			0	16	16
Medical Univ. of SC	1	1		1			1	1	2	3	1
South Carolina State				2		1			0	3	3
USC Aiken				1		3		1	0	5	5
USC Beaufort				1		13			0	14	14
USC Columbia	3	3	10	2		10		1	13	16	3
USC Upstate		3		2	2			2	2	7	5
Winthrop			2	4				2	2	6	4
Subtotal Four-years	6	23	18	42	14	41	13	19	51	125	74
Total	11	32	18	42	14	50	13	19	56	145	89

For the technical colleges, five institutions added one new program each, and five institutions terminated programs (9 total). No technical college reported adding new concentrations or program sites.

For the USC Palmetto/regional campuses, there were a total of 11 new sites added.

For the four-year institutions, Lander University added the most programs (9). Clemson University was second with four new programs. USC Columbia and USC Aiken added three new programs each. Four institutions terminated at least one program (including three at USC Columbia). Clemson University added 12 concentrations, and Coastal Carolina University added five concentrations. USC Columbia terminated 10 concentrations, and Clemson University terminated five concentrations each. USC Beaufort added programs at 13 sites (mainly online and blended learning options). USC Columbia added 10 sites for programs (mainly international dual degree program sites). Also, The Clemson added nine new certificate programs and terminated eight certificate programs.

From Table 9, most of the total net growth can be attributed to comprehensive teaching universities (+60). In contrast, technical colleges had the lowest level of total net growth (+4).

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

Institution Type	Terminated	Approved	Net
Technical Colleges	5	9	4
Regional Two-Year Campuses	0	11	11
Comprehensive Teaching Universities	12	72	60
Research Universities	39	53	14
Total	56	145	89

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

Table 10 compares the total number of terminated and approved academic degree programs and the total number of terminated and approved/added academic degree programs, program concentrations, sites, and certificates by year over the past 10 years. Figure 2 provides a graphical depiction of the trends in academic programs over the last 10 years.

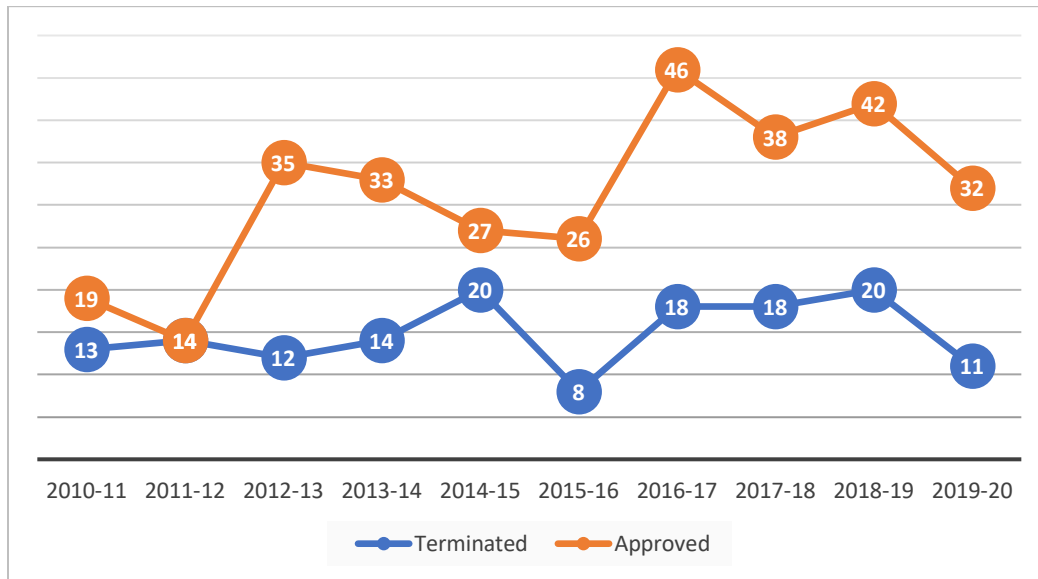
Net growth in academic programs was less than 20 for the first time in four years. The number of terminated academic programs was the second lowest in the last 10 years. Additionally, the number of academic program approvals by 10 from the previous year.

Overall, 56 programs, concentrations, sites, and certificates were terminated, the third highest withing the last 10 years. It reflects that first time in three years that institutions reported more than 50 terminations. About 20% of the total terminations can be attributed to academic programs. The number of total additions is the third highest in the last 10 years (145), yet the number is nine less than the previous year. Academic programs only accounted for 22% of total additions in the past year, which is also less than the previous year. The net growth in programs, concentrations, sites, and certificates is 89, which is 30 less than the previous year.

Table 10. 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
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
2019-20	11	32	18	56	145	89
Total	148	312	164	498	1123	625

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 2019-2020, the majority of total program additions occurred in the following disciplinary areas:

- Business/Management
- Education
- Healthcare professions

Furthermore, according to *SCWorks* (jobs.scworks.org) in August 2020, jobs associated with these disciplinary areas accounted for the top five fields for job openings in the state. Each one of these fields

had at least 3,600 openings in August. Hence, the expansion of programs, concentrations, sites, and certificates in these disciplinary areas is consistent with the workforce needs of the state.

The results of this data illustrate that there is continued net growth in academic degree programs, program concentrations, sites, and certificates, though it is lower than last year. Most of the overall net growth has been in the expansion of existing academic programs through new sites (including online and hybrid offerings) and concentrations. The growth of sites and concentrations show that institutions are continuing to update their course offerings to meet market demand. Institutions are developing more specialized programs with targeted delivery methods to fulfill the more focused and flexible workforce demands for the state.

The increased number of total terminations and the lower number of approvals show institutions continue to evaluate and refine their program offerings. This lower net number for the 2019-20 fiscal year can also be attributed to a pandemic-related delay in the approval cycle.

At the Advisory Committee on Academic Programs (ACAP) meeting on September 17, 2020, staff presented the report, highlighting the connection between present job openings and degree program growth. Staff also discussed the growth in online and hybrid program delivery modes across the state and how these modes improve student access to higher education. ACAP received the report with no questions.